

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
	LANGUAGE—concluded.					1.—BENGALI AND
118	The First step in Grammar. Part I.	Bengali and English.	Akrur Chandra Sen.	Language	Printed and published at the Dacca Oriental Press.	Printed by Iswar Chandra Nāth and published by Akrur Chandra Sen.
119	The Elements of English Pronunciation in Bengali.	ditto ...	Hari prasad Chakrabarti.	ditto ...	Printed and published at 37, Malanga Lane, Calcutta.	Printed by Syamlāl Dās and published by Hari-prasad Chakrabarti.
120	An Elementary Practical Grammar of the English Language.	ditto ...	Ramānāth Saraswati.	ditto ...	Printed and published at 24, Girish Bidyārātna's Lane, Calcutta.	Printed and published by Harish Chandra Kabi-rātna.
	LAW.					
131	Byabasthā Kalpadruma. A treatise on Hindu Law.	ditto ...	Jogendranath Bhattachārya, M.A., B.L.	Law	Printed and published at 81, College Street, Calcutta.	Printed and published by Haripada Basu, Manager, Hindu Law Press.
	LANGUAGE.					2. BENGALI AND
	The following works are designed for educational purposes.					
472	Rijupāthārtha Dwitiyabhāga. Key to Rijupāthā Part II.	Bengali and Sanskrit.	Chandramohan Chatterji.	ditto ...	Printed and published at 11, Simla Street, Calcutta.	Printed by H. M. Mukharji & Co. and published by Chandra Mouan Chatterji.
473	Ratnasangraha. A collection of Gems. Part II.	ditto ...	Abhayānanda Tarkabāgish.	ditto ...	Printed and published at the Sinha Press, Com-millah.	Printed and published by Sashibhusan Dās.
474	A Companion to Sanskrit Grammar.	ditto ...	Kedar Nath Basu, M.A.	ditto ...	Printed and published at 22, Jhāmāpukar Lane, Calcutta.	Printed by Benimādhav Chakrabarti and published by Kedārnāth Basu, M.A.
	MEDICINE.					
475	Bhāba Prakāsa. An Encyclopædia of Hindu Medicine. Part II. (T).	ditto ...	Rasiklāl Gupta.	Medicine, N.	Printed and published at 43-1, Bhabāni Charan Datta's Lane, Calcutta.	Printed and published by Gourmohan Dās.
476	Nidānārtha Prakāsikā. A Hindu work on Medicine. (R).	ditto ...	Edited by Keshab Chandra Rāya.	ditto ...	Printed at 17, Brindāban Basak's Street and published at 115, Chitpur Road, Calcutta.	Printed by Fakir Chand Dās and published by Biswambhar Lāhā.
	RELIGION.					
477	Ramayana. No. 21. (T).	ditto ...	Pratāp Chandra Rāya.	Religion H.	Printed and published at 376, Chitpur Road, Calcutta.	Printed and published by Pratāp Chandra Rāya.
478	Mahabharatam. No. 118. (T).	ditto ...	Sridhara Churāmāni.	ditto ...	Printed and published at the Alfred Press, Serampore.	Printed by Thākurdās Ghosāl and published by Umesh Chandra Bhattachārya.

LIBRARY.

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Quarter ending 31st March 1884—continued.

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ENGLISH BOOKS—concluded.						Rs. A. P.			
1883.	Pages.								
Dec. 1st	60	12mo ...	1st ...	1,000	Printed	0 5 0	Akrur Chandra Sen, Dacca.	118
1884									
Jan., 2nd	103	12mo ...	1st ...	1,000	ditto ...	0 8 0	.....	The author thinks that bad pronunciation of English words is a thing so commonly met with among village school boys in this country, and the means usually adopted to correct it are often so inadequate and ineffectual, that a systematic teaching of the subject seems urgently called for. The present treatise is intended for that purpose.	119
" 2nd	72	12mo dy ...	...	1,000	ditto ...	0 5 0	The author's wife Harinábhi.	In this work "the principles of the English language," says the author, "are clearly explained and simply illustrated by copious and suitable exercises."	120
Jan., 8th	355	8vo ...	1st ...	1,000	ditto ...	5 0 0	Jogendranáth Bhattácharya, Nuddea.	Treats of inheritance, succession, partition, adoption, marriage and stridhan. The author disputes and characterises as erroneous some of the most authoritative rulings of the Indian Courts and commonly accepted principles.	121
SANSKRIT BOOKS.									
1883	Pages.								
Dec., 23rd	156	12mo dy.	1st ...	1,000	ditto ...	0 8 0	Chandramohan Chatterji, Bálí.	.....	472
1884									
Feb., 13th	184	12mo dy.	1st ...	500	ditto ...	1 0 0	.....	A new work on Sanskrit grammar.	473
1883									
Dec., 29th	108	12mo dy.	1st ...	1,000	ditto ...	0 8 0	Kedárnáth Basu, Baníyátola Lane, Calcutta.	This is another work on Sanskrit grammar, in which the points to which especial importance is attached in the Entrance and F. A. Examination papers of the Calcutta University are dealt with at some length.	474
1884									
Jan., 25th	415	12mo ...	1st ...	1,000	ditto ...	1 12 0	Rasiklál Gupta, 111, College Street, Calcutta.	Contains anatomy, midwifery, physiology, therapeutics, hygiene, pathology and treatment of diseases. The medicinal properties of various objects are described in this volume.	475
" 8th	256	8vo ...	4th ...	1,300	ditto ...	0 7 0	.....	The <i>Nidā</i> is a celebrated Sanskrit work on the symptoms of diseases by Mádhab Chandra Kar.	476
1883									
Dec., 18th	120	8vo ...	1st ...	.....	ditto ...	.....	Pratáp Chandra Raya, 367, Chitpur Road, Calcutta.	Goes on with the War Canto.	477
1884									
Feb., 12th	80	8vo ...	1st ...	300	ditto ...	0 8 0	Jadunáth Seth, Serampore.	Goes on with the <i>Blisma Parba</i> .	478

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2.—BENGALI AND						
RELIGION—concluded.						
479	Tantrasār. Essence of the Tantras. No. 25. (T).	Bengali and Sanskrit.	Rasik Mohan Chatterji.	Religion H.	Printed and published at 7, Shiba Krishna Dán's Lane, Calcutta.	Printed by Gopál Chandra Ghosál and published by Rasik Mohan Chatterji.
480	Sira O Sikhá Upanisat. Two Upanisads belonging to the Atharva Veda. Nos. 8 and 9 (together). (T).	ditto ...	Maresh Chan-dra Pál.	ditto ...	Printed at 7, Shiba Krishna Dán's Lane, and published at 141, Bāránasi Ghosh's Street, Calcutta.	Printed by Gopál Chandra Ghosál and published by Maresh Chandra Pál
481	Manusanhitá. The institutes of Manu. No. 1. (T).	ditto ...	Edited by Jadu Nath Nyáya-Panchánan.	ditto ...	Printed at 116, Grey Street, and published at 118, Upper Chitpur Road, Calcutta.	Printed by Ambiká Charan Chatterji and published by Upendranáth Basu & Co.
482	Ditto ditto No 2. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
483	Manusanhitá. Institutes of Manu. Part 5. (T).	ditto ...	.....	ditto ...	Printed and published at 116, Grey Street, Calcutta.	Printed by Ambiká Charan Chatterji and published by Baikuntha Náth Majumdár.
484	Baisnabámrita Grantha. A Book containing Nectar for Baisnabas. (T).	ditto ...	Pránkrishna Biswás.	ditto ...	Printed at 84, Rájballabh's Street, and published at 115, Chitpur Road, Calcutta.	Printed by Nabakumár Basu and published by Umesh Chandra Bhattá-chárya.
485	Jogabásistha Ramayan. No. 2. (T).	ditto ...	.....	ditto ...	Printed and published at Berhampore.	Printed by Jadunáth Banerji and published by Pratáp Chandra Maitra.
486	Haribhaktibilás. The Pleasure of Bhakti in Hari. No. 10. (T).	ditto ...	Translated by Rámnaráyan Bidyáratna.	ditto ...	ditto ditto ...	Printed by Rájballabh Sáhé and published by Rámnaráyan Bidyáratna.
487	Sat Sandarbha. The Six Essays. No. 6. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
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490	Srimadbhágabatam. No. 1. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
491	Ditto ditto. No. 2. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
492	Ditto ditto. No. 3. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
493	Ditto ditto. No. 4. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
494	Ditto ditto. No. 5. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
495	Ditto ditto. No. 6. (T).	ditto ...	ditto ...	ditto ...	ditto ditto ...	ditto ditto ...
3.—ENGLISH AND						
LANGUAGE.						
<i>The following work is designed for educational purposes.</i>						
11	Key to Royal School Primer.	English and Hindi.	Bihárilál Ghatá.	Language	Printed at 16, Ghosh's Lane, Calcutta, and published at Arrah.	Printed and published by Kedárnáth Báya.

Quarter ending 31st March 1884—continued.

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SANSKRIT BOOKS—concluded.						Rs. A. P.			
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Jan., 14th	48	4to	... 1st ...	1,000	Printed	2 0 0	Rasik Mohan Chatterji, 7, Shiba Krishna Dán's Lane, Calcutta.	479
" 18th	56	8vo	... 1st ...	1,000	ditto	0 10 0	Mahesh Chandra Pál, 141, Bára-nashi Ghosh's Street, Calcutta.	480
1883. Dec., 18th	48	8vo	... 2nd ...	1,250	ditto	0 4 0	481
1884. Jan., 6th	48	8vo	... 2nd ...	1,250	ditto	0 4 0	482
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" 25th	48	8vo	... 1st ...	500	ditto	0 6 0	489
Jan., 15th	40	4to	... 1st ...	1,500	ditto	Nil.	This is a new edition of Srimad-bhágabata, published with three commentaries and a Bengali translation under the patronage of the Rajah of Hill Tipperah.	490
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1.—BENGALI						
MEDICINE—concluded.						
1068	Hániman. Hahnemann. A monthly Homœopathic Journal. Vol. I. No. 10.	Bengali	Edited by Basanta Kumár Datta.	Medicine, E.	Printed at 46, Sobhábazar, and published at 312, Bartalá, Calcutta.	Printed by Adharnáth Chatterji, and published by Basanta Kumár Datta.
1069	Homiopyáthi-prachárák. The Propagator of Homœopathy. A monthly Journal. Vol. I. No. 7.	ditto	Edited by Purána Chandra Sen.	ditto	Printed and published at the Dacca Sital Press.	Printed and published by Gopináth Basák.
MISCELLANEOUS.						
1070	Bámábodhini Patriká. A monthly Journal for the Instruction of Women. No. 227.	ditto	Edited by Umesh Chandra Datta.	Miscellaneous.	Printed at 33, Bechu Chatterji's Street, and published at 9, Anthony Bagan Lane, Calcutta.	Printed by G. C. Basu & Co., and published by Ashutosh Ghosh.
1071	Bándhaba. The Friend. A monthly paper. Vol. VII. No. 12.	ditto	Edited by Káli Prasanna Ghosh.	ditto	Printed and published at the Dacca Girish Press.	Printed and published by Munshi Munlá Buksh.
1072	Bangabandhu. The Friend of Bengal. A monthly paper. Vol. II. No. 2.	ditto	Edited by Rev. B. C. Ghosh	ditto	Printed at 10, Rammohan Datta's Road, Bhowani-pore, and published at 5, Grand Trunk Road, Howrah.	Printed by Brajamádhav Basu, and published by Rev. B. C. Chaudhuri.
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1074	Ditto ditto Vol. II. No. 4.	ditto	ditto	ditto	ditto ditto	ditto ditto
1075	Ditto ditto Vol. II. No. 5.	ditto	ditto	ditto	ditto ditto	ditto ditto
1076	Bangadarsana. A monthly paper. No. 103.	ditto	.....	ditto	Printed and published at 92, Bowbazar Street, Calcutta.	Printed by Bámácharan Majumdar, and published by Aghornáth Barát.
now prevailing in this country with that which prevailed in ancient India, and condemns the former as thoroughly philosophical paper in which an attempt is made to reconcile the Hindu idea of <i>Narayana</i> with the Positive the composition of <i>Kumara Sambhava</i> .						
1077	Ditto ditto. No. 104	ditto	ditto	ditto ditto	ditto ditto
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<i>Pasupati-Sambad</i> is finished. Its object seems to be to represent the educated Bengali of the present day as a tious, and Hindu Society in Bengal as being in an exceedingly dangerous and helpless condition in consequence of its ward as its leader, is a person whom the great mass of people who are unacquainted with Western ideas do not understand of Hindu Society, has become so depraved and avaricious that he can be induced by a trifling bribe to advise and						
1079	Bastu-bidyá. A Monthly Paper. Vol. I. No. 1.	ditto	Edited by Haripada Chakrabarti.	Miscellaneous.	Printed and published at 17, Srináth Dás's Lane, Calcutta.	Printed and published by Amritálal Ghosh.
1080	Bhárati. A Monthly Paper. Vol. VII. No. 9.	ditto	Edited by Dwijendra Náth Tagore.	ditto	Printed at the Adi Brahmo Samaj Press, and published at 6, Dwáráká Náth Tagore's Lane, Calcutta.	Printed by Kálidás Chakrabarti, and published by Priyanáth Sen Gupta.

Quarter ending 31st March 1884—continued.

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1883.									
Dec., 21st	48	8vo	rl. 1st ...	1,000	ditto	0 4 0	Srish Chandra Majumdar, 6, College First Lane, Calcutta.	Babu Bankim Chandra Chatterji's novel of <i>Debi Chaudhurani</i> is continued. The writer of a paper on <i>Brahmacharya</i> compares the educational system of Narayana with that of the present.	1076
incomplete and unsound, whilst the latter is admired for its comprehensiveness and conception of <i>Humanity</i> . The writer of a critique on <i>Raghubansa</i> endeavours to show that poem was written after									
1884.									
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<i>Debi Chaudhurani</i> is continued. An interesting article on comets and meteoric stones is given.									
" 20th	48	8vo	rl. 1st ...	1,000	ditto	0 4 0	ditto	<i>Debi Chaudhurani</i> and the paper on <i>Raghubansa</i> are continued.	1078
person whose knowledge is miserably small, inexact and unmethodical, but who is inordinately vain, fussy, and pretending to have no competent leader. The educated Hindu, who would revolutionise Hindu society, and who puts himself forward and whom they cannot accordingly recognise as their leader; whilst the Brahmin, the old recognised leader induce the mass, who know and confide in him as their true leader, to accept dangerous schemes of social reformation.									
1883.									
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" 29th	48	8vo	... 1st ...	600	ditto	0 6 0	Dwijendranāth Tagore, 6, Dwārakā Nāth Tagore's Lane, Calcutta.	The interesting series of papers on the religious system of India is continued. One writer strongly condemns and ridicules those Bengali gentlemen who combined with the Anglo-Indians of Calcutta to memorialise the Government against the Bengal Tenancy Bill.	1080

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I.—BENGALI						
MISCELLANEOUS—concd.						
1081	Bhārati. A Monthly Paper. Vol. VII. No. 10.	Bengali	Edited by Dwijendra Náth Tagore.	Miscellaneous.	Printed at the Adi Brahma Samaj Press, and published at 6, Dwáráká Náth Tagore's Lane, Calcutta.	Printed by Kálidás Chakrabarti, and published by Priyanáth Sen Gupta.
among them being the organisation, welfare and government of society. He is of opinion that under the must be therefore attributed to adverse influences, the chief among which was the atheistical Mimánsá						
1082	Bhārata-Surhid. The Friend of India. A Monthly Paper. Vol. III. No. 6.	ditto	Edited by Amriká Charan Kar.	ditto	Printed and published at the Bhārata, Surhid Press, Nánnár.	Printed and published by Ramchandra De.
1083	Jogini. A Monthly Paper. Vol. I. Nos. 4 and 5 (together).	ditto	Edited by Baikutá Náth Chaudhuri.	ditto	Printed and published at Sayadabad.	Printed by Rámnáth Sídhdhanta, and published by Baikutá Náth Chaudhuri.
1084	Kalpadruma. A Monthly Paper. Vol. V. No. 7.	ditto	Edited by Dwáráká Náth Bidyá bhusan.	ditto	Printed and published at Changripotá.	Printed and published by Krishnadhan Biswás.
1085	Kirana. A monthly paper. Vol. I. Nos. 7 and 8 (together).	ditto	Edited by Kailásh Chandra De.	ditto	Printed and published at the Bhārata-Surhid Press, Nánnár, Dacca.	Printed by Ram Chandra De and published by Kailásh Chandra De.
1086	Mukulamálá. A monthly paper. Vol. I. No. 8.	ditto	Edited by Kēdárnáth Ghosál.	ditto	Printed at the Byabásáyi Press, and published at 5, Huzuri Mull's Tank Lane, Calcutta.	Printed by Amritálá Ghosh and published by Anupa Chandra Banerji.
1087	Nabya Bhārata. A monthly paper. Vol. I. No. 8.	ditto	Edited by Debiprasanna Ráya Chaudhuri.	ditto	Printed at 210-4, and published at 210-1, Cornwallis Street, Calcutta.	Printed by Bhubhan Mohan Ghosh and published by Debiprasanna Ráya Chaudhuri.
1088	Ditto. ditto. Vol. I. No. 9.	ditto	ditto	ditto	ditto ditto	ditto ditto
1089	Prabána. A monthly paper. Vol. II. No. 9.	ditto	Edited by Dámodar Mukharji.	ditto	Printed and published at 11, Simla Street, Calcutta.	Printed and published by H. M. Mukharji & Co.
1090	Ditto. ditto. Vol. II. No. 10.	ditto	ditto	ditto	ditto ditto	ditto ditto
1091	Sadánanda. A monthly journal. Vol. II. Nos. 5 and 6 (together).	ditto	Edited by Harihar Nandi.	ditto	Printed and published at the Dacca Girish Press.	Printed by Maula Buksh and published by Harihar Nandi.
1092	Ditto. Ditto. Vol. II. Nos. 7 and 8 (together).	ditto	ditto	ditto	ditto ditto	ditto ditto
1093	Sahachari. A monthly paper. Vol. I. No. 1.	ditto	Edited by Birendra Náth Sádhu.	ditto	Printed at 116, Grey Street, and published at 5, Dwáráká Náth Tagore's Lane, Calcutta.	Printed by Ambiká Charan Chatterji and published by Birendranáth Sádhu.
RELIGION.						
1094	Bangabandhu. The friend of Bengal. A fortnightly paper. Vol. XIV. Nos. 16 and 17 (together).	ditto	Edited by Durgánáth Ráya.	Religion B	Printed and published at the Dacca E. B. Press.	Printed by Nabin Chandra De, and published by Durgánáth Ráya.
1095	Ditto. Ditto. Vol. XIV. No. 18.	ditto	ditto	ditto	ditto ditto	ditto ditto
1096	Ditto. Ditto. Vol. XIV. No. 19.	ditto	ditto	ditto	ditto ditto	ditto ditto
1097	Ditto. Ditto. Vol. XIV. No. 20.	ditto	ditto	ditto	ditto ditto	ditto ditto
1098	Kristiya Bándhaba. The Christian Friend. A monthly Paper. Vol. VI. No. 1.	Bengali	Edited by Rev. G. H. Rouse.	Religion C.	Printed and published at the Baptist Mission Press, Calcutta.	Printed and published by Rev. J. W. Thomas.

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PERIODICALS—continued.						Rs. A. P.			
1884.	Pages.								
Jan., 28th	48	8vo	1st	600	Printed	0 6 0	Dwijendranáth Tagore, 6, Dwárákáká Náth Tagore's Lane, Calcutta.	The writer of the paper on the religious system of India explains the fundamental ideas on which the laws or ordinances of Manu are based, the chief	1081
operation of those laws, Hindu society ought to have gone on progressing, and the opposite phenomenon of its decline philosophy of Jaimini.									
1883.									
Dec., 30th	24	8vo	1st	600	ditto	0 2 0	Ambiká Charan Kar.	.....	1082
1884.									
Jan., 17th	16	8vo	1st	300	ditto	0 2 0	.....	.....	1083
1883.									
Dec., 17th	64	8vo dy	1st	500	ditto	0 8 0	Dwárákáká Náth Bidyábhushan, Changripotá.	.....	1084
1883.									
Dec., 28th	40	16mo	1st	700	ditto	0 3 0	Kailásh Chandra De.	Consists almost entirely of poems	1085
" 29th	24	8vo	1st	500	ditto	0 2 6	Kedárnáth Ghosál, 5, Huzuri Mull's Tank Lane, Calcutta.	.....	1086
" 20th	48	8vo	1st	1,000	ditto	0 6 0	Debiprasanna Ráya Chauhuri, 210-4, Corn-wallis Street, Calcutta.	Papers on a variety of interesting subjects.	1087
1884.									
Feb., 2nd	48	8vo	1st	1,000	ditto	0 6 0	.....	ditto ditto	1088
1883.									
Dec., 22nd	48	8vo	1st	500	ditto	0 12 0	Dámodar Mukharji, 11 Simla Street, Calcutta.	.....	1089
1884.									
Jan., 19th	48	8vo	1st	500	ditto	0 12 0	ditto	.....	1090
1883.									
Dec., 30th	23	12mo	1st	300	ditto	0 4 0	Harihar Nandi, Dacca.	A humorous and satirical journal	1091
1884.									
Feb., 28th	24	12mo	1st	300	ditto	0 4 0	ditto	.....	1092
Jan., 2nd	16	8vo rl.	3rd	2,000	ditto	0 0 6	.....	.....	1093
" 1st	24	8vo	1st	150	ditto	0 4 0	Durgánáth Ráya, Dacca.	This is the organ of the Dacca branch of Keshab Chandra Sen's Church.	1094
" 15th	20	8vo	1st	150	ditto	0 3 0	ditto	.....	1095
" 20th	16	8vo	1st	200	ditto	0 2 0	ditto	.....	1096
Feb., 2nd	16	8vo	1st	200	ditto	0 2 0	ditto	.....	1097
Jan., 2nd	24	8vo	1st	800	Printed	0 1 6	Rev. J. W. Thomas, Calcutta.	The usual contents ...	1098

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer and name or firm of publisher.
						1.—BENGALI
	RELIGION—concluded.					
1099	Khristiya Bāndhaba. The Christian Friend. A monthly Paper. Vol. VI. No. 2.	Bengali	Edited by Rev. G. H. Rouse.	Religion C.	Printed and published at the Baptist Mission Press, Calcutta.	Printed and published by Rev. J. W. Thomas.
						2.—ENGLISH
	LAW.					
463	The Legal Companion (new series). A monthly Paper Vol. I. Nos. 3 to 9 (together).	English	Edited by Prasanna Kumār Sen.	Law	Printed and published at the Law Press, Serampore.	Printed and published by Mādhab Chandra Ghosh.
464	Ditto. ditto ditto. Vol. II. No. 1.	ditto	ditto	ditto	Ditto ditto	Ditto ditto
	MEDICINE.					
465	The Calcutta Journal of Medicine. Vol. XI. No. 8.	ditto	Edited by Mahendralāl Sarkār, M.D.	Medicine E.	Printed and published at Sānkāritolā, Calcutta.	Printed and published by Thākurdās Dō.
	MISCELLANEOUS					
466	Journal of the Asiatic Society of Bengal. Vol. LII. Part I. Nos. 3 and 4, 1883.	ditto	Edited by the Philological Secretary.	Miscellaneous.	Printed at the Baptist Mission Press, and published at 57, Park Street, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Asiatic Society.
467	Monthly Review of Fashions. Vol. I. No. 3.	ditto	.....	ditto	Printed at 12, Bentinck Street, and published at the Belatee Bungalow, Calcutta.	Printed by Thomas S. Smith, and published by Moore & Co.
468	The Calcutta Magazine. A monthly Journal. November 1883.	ditto	Edited by Owen Aratoon.	Miscellaneous.	Printed and published at 45, Dharmatalā Street, Calcutta.	Printed and published by Owen Aratoon.
469	The Calcutta Review, A Quarterly Magazine. No. 155.	ditto	.....	ditto	Printed and published at 12, Bentinck Street, Calcutta.	Printed and published by Thomas S. Smith.
470	The Indian Review. A monthly magazine. Vol. I. No. 3.	ditto	.....	ditto	Printed at the Calcutta Central Press, and published at 4, Waterloo Street.	Printed by the Calcutta Central Press Co. Ltd., and published by W. H. Targott.
471	Ditto ditto. Vol. I. No. 4.	ditto	.....	ditto	ditto ditto	ditto ditto
472	The Masonic Herald. A monthly journal of Freemasonry, January 1884.	ditto	W. Burroughs	ditto	Printed at 249, Bowbazar Street, and published at 60, Gorastan Lane, Calcutta.	Printed by I. C. Basu & Co., and published by W. Burroughs.
	The following are designated for educational purposes.					
473	The Teacher. A monthly magazine. Vol. I. No. 4.	ditto	Edited by Ishān Chandra Ghose and others.	ditto	Printed at 33, New China Bazar, and published at 150, Cornwallis Street, Calcutta.	Printed by D. C. Dās & Co., and published by Nabin Chandra Sen.
474	Ditto ditto. Vol. I. Nos. 5 and 6 (together).	ditto	ditto	ditto	ditto ditto	ditto ditto
	RELIGION.					
475	The Anti-Christian. A monthly paper. Vol. II. No. 4.	ditto	Edited by Kālī Prasanna Kābya-bisārada.	Religion C	.....	Printed by Aghor Chandra Ghosāl, and published by Kālī Prasanna Kābya-bisārada.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	17
Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
PERIODICALS—concluded.						Rs. A. P.			
1883.	Pages.								
Feb., 1st	20	8vo	1st	800	Printed	0 1 6	Rev. J. W. Thomas, Calcutta.	The usual contents ...	1099
PERIODICALS.									
1883.	Pages.								
Dec., 27th	66	8vo	1st	300	ditto	1 8 0	Prasanna Kumar Sen, Kottagar, near Serampore.	Miscellaneous rulings	463
1884.									
Feb., 22nd	66	8vo	1st	250	ditto	1 0 0	ditto	Reviews of law books, original papers, legal decisions, &c.	464
Jan., 8th	48	8vo	1st	250	ditto	1 0 0	Mahendralal Sarkar, M.D., 51, Sarkaritolá, Calcutta.	.....	465
" 29th	81	8vo	1st	700	ditto	2 0 0	The Asiatic Society of Bengal, 57, Park Street, Calcutta.	.....	466
" 26th	12	4to	1st	2,000	ditto	0 8 0	Moore & Co., Calcutta.	.....	467
1883.									
Dec., 26th	60	8vo	1st	500	ditto	1 0 0	Owen Arntson, 49, Dharmatala Street, Calcutta.	.....	468
1884.									
Jan., 3rd	250	8vo	1st	325	ditto	4 0 0	Thomas S. Smith, Calcutta.	.....	469
1883.									
Dec., 20th	274	8vo	1st	3,000	ditto	2 0 0	W. H. Targett, 4, Waterloo Street, Calcutta.	.....	470
1884.									
Jan., 15th	230	8vo	1st	2,000	ditto	2 0 0	ditto	.....	471
" 3rd	16	8vo	1st	120	ditto	1 0 0	W. Burroughs, 60, Gorostan Lane, Calcutta.	The usual contents	472
1883.									
Dec., 30th	40	8vo	1st	500	ditto	0 5 0	Nabin Chandra Sen, 150, Cornwallis Street, Calcutta.	Contains notes on different subjects studied for the University examinations. The journal is stated to be edited by some distinguished graduates of the Calcutta University.	473
1884.									
Jan., 19th	82	8vo	1st	500	ditto	0 5 0 each number.	Ditto	.....	474
1883.									
Dec., 2nd	24	8vo	1st	250	ditto	.....	Kaliprasanna Kabyabirada, Bhowanipore.	It is the object of this periodical to "advocate free thought and expose the absurdities of the Christian Faith."	475

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
2.—ENGLISH						
RELIGION—concluded.						
476	The Indian Baptist. A Monthly Paper. January 1884.	English	Edited by Rev. R. Robinson.	Religion C.	Printed and published at the Baptist Mission Press, Calcutta.	Printed and published by Rev. J. W. Thomas.
477	Ditto. February 1884.	ditto	ditto	ditto	ditto ditto	ditto ditto
478	The Indian Evangelical Review. A Quarterly Journal of Missionary Thought and Effort. Vol. X. No. 38.	ditto	Edited by Rev. K. S. Macdonald.	ditto	Printed and published at the Herald Press, 106, Maniktala Road, Calcutta.	Printed and published by S. M. Sardar.
479	Ditto. Vol. X. No. 39	ditto	ditto	ditto	ditto ditto	ditto ditto
3.—HINDI						
MISCELLANEOUS.						
22	Kshatriya Patrika. A Monthly Paper. Vol. III. Nos. 1 to 7 (together.)	Hindi	Edited by Ramdin Sinha.	Miscellaneous.	Printed and published at the Kharga Bilas Press, Bankipur.	Printed and published by Saheb Prasad Sinha.
<i>The following periodical is designed for education purposes</i>						
23	Bhasaprasangh. A Monthly Paper. Vol. I. No. 1.	ditto	Edited by Saheb Prasad Sinha.	ditto	ditto ditto	ditto ditto
4.—SANSKRIT						
MISCELLANEOUS.						
9	Bidyodaya. A Monthly Paper. Vol. XII. No. 10.	Sanskrit	Hrisikesh Sastri.	ditto	Printed at 24, Girish Bidyataras's Lane, Calcutta, and published at Bhatará.	Printed by Harish Chandra Kabiratna and published by Hrisikesh Sastri.
5.—URDU						
MISCELLANEOUS.						
18	Guldiste Natiye Sokhan. A Bundle of Conclusions. A monthly paper. No. 16.	Urdu	.....	ditto	Lithographed and published at 6, Ramprasad Shah's Lane, Calcutta.	Lithographed and published by Mohammad Wazecr.
19	Ditto ditto ditto. No. 17.	ditto	.....	ditto	ditto ditto	ditto ditto
6.—URIYA						
MISCELLANEOUS.						
2	Sebaka. The Servant. A monthly paper. Vol. I. No. 3.	Uriya	Edited by Bhábagráhi Dás.	ditto	Printed and published at the Orissa Patriot Press.	Printed and published by Madan Mohan Nayak.
3	Ditto ditto ditto. Vol. I. No. 4.	ditto	ditto	ditto	ditto ditto	ditto ditto
4	Ditto ditto ditto. Vol. I. No. 5.	ditto	ditto	ditto	ditto ditto	ditto ditto

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	17
Date of issue from the press or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or litho. graphed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
PERIODICALS—concluded.						Rs. A. P.			
1884.	Pages.								
Jan. 2nd	40	8vo.	... 1st ...	400	Printed	0 6 0	Rev. J. W. Thomas, Calcutta.	.....	476
Feb. 1st	40	8vo.	... 1st ...	300	ditto	0 6 0	ditto	.....	477
Jan. 26th	128	8vo.	... 1st ...	500	ditto	1 4 0	Rev. K. S. MacDonald, 32-6, Beaden Street, Calcutta.	.....	478
Feb. 3rd	132	8vo.	... 1st ...	500	ditto	1 4 0	ditto	.....	479
PERIODICALS.									
1883.	Pages.								
Dec. 16th	184	8vo. dy.	1st ...	400	ditto	3 8 0	Rámdin Sinha, Ráyapurá.	Deals with subjects of varied interest. The religious tone of the paper is orthodox.	22
1884.									
Jan. 1st	24	8vo. dy.	1st ...	300	ditto	0 3 0	Sahab Prasad Sinha, Bankipur.	A new Hindi periodical dealing with subjects likely to be of use and interest to schoolboys.	23
PERIODICAL.									
1883.	Pages.								
Dec. 21st	16	8vo.	... 1st ...	140	ditto	0 4 0	Hrisikesh Sástri, Bhútpará.	The Buddhist work <i>Binayapithakam</i> is being reproduced in a Sanskritised form.	9
PERIODICALS.									
1884.	Pages.								
Jan. 1st	48	8vo.	... 1st ...	500	Litho-graphed.	0 6 0	Mohammad Wuzeer, Patna.	Poems, &c.	18
Jan. 1st	48	8vo.	... 1st ...	500	ditto	0 6 0	ditto	Ditto ditto	19
PERIODICALS.									
1883.	Pages.								
Nov., 20th	26	8vo. dy.	1st ...	200	Printed	0 4 0	.....	Contains papers describing the religious sentiment called <i>Hairágya</i> , the life and character of Chaitanya, the treatment of snake-bite, &c.	2
1884.									
Jan., 9th	40	8vo. dy.	1st ...	200	ditto	0 4 0	.....	Contains an article describing the neglected condition of the buildings attached to the temple of Jagannath at Puri and the irregularity which is now observable in the worship of that God. The writer attributes all these to the decline of the religious spirit among Hindus. An Uriya version of the Koran is commenced in this number.	3
Feb., 2nd	25	8vo. dy.	1st ...	180	ditto	0 4 0	.....	Contains an article describing the Calcutta International Exhibition as a splendid fair or mela, though not the first of its kind in this country, which has impressed the native mind in a manner calculated to soothe it under the disappointment caused by the unfortunate termination of the Ilbert Bill affair.	4

Number.	2 The title of the book and the contents of the title page, with a translation into English of such title or contents when the same are not in the English language.	3 The place of printing and the place of publication.	4 The name or firm of the printer and the name or firm of the publisher.	5 The date of issue from the press, or of publication.	6 The name and residence of the proprietor of the copyright or of any portion of such copyright.	7 The date on which the entry was registered.
				1883.		1883.
645	Calcutta International Exhibition 1883-84. Official catalogue.	Printed at 4, Dalhousie Square, and published at W. Newman and Co's.	Printed and published by W. Newman and Co.	Dec., 4th ...	W. Newman & Co., No. 4, Dalhousie Square, Calcutta.	Dec., 18th
646	Ekādrik Sahasra Dibas. Thousand and One Days	Printed at the Sudhānidhi Press, and published at 6, Haralāl Mitra's Lane, Calcutta.	Printed by Kālī Charan Dās, and published by Debendra Nāth Hāldār.	Feb., 6th ...	Debendra Nāth Hāldār No. 6, Haralāl Mitra's Lane, Calcutta.	Jan., 10th
				1884.		
647	Kāyastha Kārikā o Banābali, No. 1. A work on Caste.	Printed and published at 11, Raja Naba Kissen's Street, Calcutta.	Printed by Mahendra Nāth Dās, and published by Anupa Chandra Mitra	Jan., 12th ...	Anupa Chandra Mitra, Secretary, Kāyastha Kula Samrakshini Sabhā, 65, Bagbazar, Calcutta.	„ 14th
648	Costs and Mode of Application for Indian, British, Colonial and Foreign Patents and Inventions.	Printed and published at 12, Waterloo Street, Calcutta.	Printed and published by P. S. D'Rozario and Co.	Feb., 11th ...	John Remfry, 2 Middleton Row, Calcutta.	Feb., 18th
				1883.		
649	Amarārtha Chandrikā. A Sanskrit Dictionary by Amar Sinha.	Printed and published at 99, Ahiritola Street, Calcutta.	Printed and published by Nitya Lal Sil.	Sept., 20th ...	Kānāi Lal Sil, Calcutta.	„ 25th
				1884.		
650	Jādu Telasmāt. A work on magic.	Printed and published at 46, Sobhābazar Street, Calcutta.	Printed by Adhar Nāth Chatterji, and published by Akshay Kumār Basu.	Feb., 26th ...	Akshay Kumār Basu, 46 Sobhā Bazar, Calcutta.	„ 26th
651	Braja Upāsana Chausatti Bhokar Bibaran. A Baianab work.	Printed at 92, Bowbazar Calcutta, and published at Pāhārpur.	Printed by Bāmā Charan Majumdar, and published by Kāngāl Premchand Bāul.	„ 26th ...	Kāngāl Prem Chand Bāul of Pāhārpur.	„ 27th
652	Algebraical Artifices: their Utility and Application.	Printed at the Baptist Mission Press, Calcutta, and published at Dacca.	Printed by Rev. J. W. Thomas, and published by Sāradā Ranjan Rāy, M.A.	„ 11th ...	Sāradā Ranjan Rāy, M.A., of Dacca.	March 3rd
653	Milton's Paradise Lost. Book II, with Notes.	Printed at 9, Simla Street, and published at 78-1, Musjidbari Street, Calcutta.	Printed by Premchand Sāhā, and published by Sures Chandra Deb.	Jan., 20th ...	Sures Chandra Deb, 78-1, Musjidbari Street, Calcutta.	„ 5th
654	Cowper's Select Short Poems with Notes.	ditto ditto ...	ditto ditto ...	Feb., 5th ...	ditto ditto ...	„ 5th
655	Annotations on Macaulay's Lay of the Lake Regillus and Tennyson's Enoch Arden, with Criticisms and Question Papers.	ditto ditto ...	ditto ditto ...	„ 5th ...	ditto ditto ...	„ 5th
656	Charak Sanhitā. The Institutes of Charak.	Printed at 285, Upper Chitpur Road, and published at 90 and 91, Ahiritola, Calcutta.	Printed by Arunday Ghosh, and published by Lal Bihari De.	March, 6th ...	Beni Mādhav De & Co., 318, Upper Chitpur Road, Calcutta.	„ 14th
657	Pathyāpathya Byabasthā. Good and Bad diet.	Printed at 285, and published at 318, Upper Chitpur Road, Calcutta.	Printed by Arunday Ghosh, and published by Beni Mādhav De & Co.	„ 4th ...	Lal Bihari De, 318, Upper Chitpur Road, Calcutta.	„ 14th
658	Paribhāṣā Pradip. Medical Technical Terms.	Printed at 285, Upper Chitpur Road, and published at 90 and 91, Ahiritola Street, Calcutta.	Printed by Arunday Ghosh, and published by Lal Bihari De.	„ 8th ...	ditto ditto ...	„ 14th

Original Entry of Copyright of Books received during the First Quarter ending 31st March 1884—concl'd. 59

1	2	3	4	5	6	7
Number.	The title of the book and the contents of the title page, with a translation into English of such title or contents when the same are not in the English language.	The place of printing and the place of publication.	The name or firm of the printer, and the name or firm of the publisher.	The date of issue from the press, or of publication.	The name and residence or the proprietor of the copyright or of any portion of such copyright.	The date on which the entry was registered.
659	Stri Shikshá, or a Senior Reader for Females.	Printed and published at 60, Cross Street, Calcutta.	Printed by Ajodhya Prasad Kshetri, and published by Pandit Har Mukund Shástri.	1884. March, 28th ...	Pandit Harmukund Shástri of Lahore.	1884. March, 26th
660	Rámdhanu. The Rain-bow.	Printed and published at the Dacca Giris Press.	Printed by Munsí Maulá Baksh, and published by Surya Náráyan Ghose.	1883. June, 10th ...	Surya Náráyan Ghose of Dacca.	.....
661	Hindí Byakaran. Hindí Grammar.	Printed and published at the Khargabílás Press, Bankipur.	Printed and published by Sáheb Prasad Sinha.	Dec., 20th ...	Rámdin Singh, Ray-pura, zillah Balia.	1884. Jan., 10th
662	Bhášhá Byakaran. Hindí Grammar.	Printed and published at the Khargabílás Press, Nayábasti, Bankipur.	ditto ditto	„ 28th ...	ditto ditto	„ 10th
663	Shikshá Bodhini. The Instructor.	Printed at the Branch Budhoday Press, Bankipur, and published at Báds háhigunj, Bankipur.	Printed by Káshi Náth Bhattá-chárya, and published by Ganpat Singh.	1884. Feb., 15th ...	Ganpat Singh of Badshahigunj, Bankipur.	Feb., 22nd

No.	LANGUAGE.	Books.		Total.
		Non-educational.	Educational.	
UNI-LINGUALS.				
1	Arabic	.....	1	1
2	Bengali	108	69	177
3	English	34	8	42
4	Hindi	8	30	38
5	Musalmani-Bengali	12	.....	12
6	Sanskrit	9	4	13
7	Urdu	2	2	4
8	Uriya	8	8	11
Total Uni-linguals		176	122	298
BI-LINGUALS.				
1	Bengali and English	3	7	10
2	Bengali and Sanskrit	21	2	24
3	English and Hindi	.....	1	1
4	English and Sanskrit	1	.....	1
5	Hindi and Sanskrit	1	.....	1
Total Bi-linguals		26	11	37
UNI-LINGUAL PERIODICALS.				
1	Bengali Periodicals	41	.....	41
2	English Periodicals	15	2	17
3	Hindi Periodicals	1	1	2
4	Sanskrit Periodicals	1	.....	1
5	Urdu Periodicals	2	.....	2
6	Uriya Periodicals	3	.....	3
Total Uni-lingual Periodicals		63	3	66
GRAND TOTAL OF BOOKS, &c.		265	136	401

CHUNDERNATH BOSE,

Librarian of the Bengal Library and Keeper of the Catalogue of Books
under Section XVIII, Act XXV of 1867.

**ANNUAL REPORT ON THE POLICE ADMINISTRATION OF THE
TOWN OF CALCUTTA AND ITS SUBURBS FOR THE
YEAR 1883.**

RESOLUTION.

POLICE.

Calcutta, the 15th July 1884.

READ—

The Annual Report on the Police Administration of the Town of Calcutta and its Suburbs for the year 1883.

Read also—

The Annual Reports of the Chief Presidency Magistrate, and the Presidency Magistrate of the Northern Division, on the Criminal Administration of their Courts for the year 1883.

The Reports for the year 1882, and the orders of Government recorded thereon.

The total number of cases reported during the year 1883 was 4,344 more than in the preceding year. There was a decrease of 535 in the number of cognizable cases, those in the town having diminished by 160, those in the suburbs by 375. On the other hand, the non-cognizable cases largely increased, having risen in the town from 18,716 to 20,871, and in the suburbs from 3,042 to 5,766, an increase of 2,155 and 2,724 respectively. The following statement shows the number of cognizable and non-cognizable cases reported in both town and suburbs during the past five years:—

			1879.	1880.	1881.	1882.	1883.
Cognizable	{ Penal Code	...	5,537	4,644	4,476	5,118	4,546
	{ Miscellaneous	...	13,112	14,380	15,602	12,962	12,999
Non-cognizable	{ Penal Code	...	7,843	7,688	8,886	9,544	11,523
	{ Miscellaneous	...	15,141	15,499	18,308	12,214	15,114
Total			41,633	42,161	47,272	39,838	44,182

2. The decrease in the number of cognizable cases is partly attributable to the fact that offences under sections 323 and 334 of the Indian Penal Code of simple hurt became last year non-cognizable. The number of such offences in the town and suburbs, reported in the preceding year, had been 428. The increase in the number of non-cognizable cases was very large, and though partly due to the change in the law just referred to, was chiefly caused by a stricter enforcement of municipal laws. In the town there was an increase in the number of cognizable serious offences against the person from 237 to 294; of miscellaneous cognizable cases from 10,986 to 11,408; in non-cognizable cases an increase in miscellaneous offences from 16,194 to 18,490, due chiefly to the large number of prosecutions for public and local nuisances. There was a decrease, on the other hand, in the number of cognizable serious offences against person and property from 165 to 142; of minor offences against the person from 358 to 52; of minor offences against property from 2,962 to 2,663; and in non-cognizable cases a decrease in minor offences against the person from 1,919 to 1,893, and in minor offences against property from 384 to 281. In the suburbs there was in cognizable cases an increase of serious offences against the person from 47 to 115; of serious offences against person and property from 55 to 85; and a decrease from 2,339 to 1,918, chiefly in street offences, among miscellaneous cases. In non-cognizable cases the institutions rose from 3,042 to 5,766; those under the Conservancy Acts alone increasing from 836 to 3,117. On the whole, the crime statements for the year may be considered satisfactory. The decrease in the class of serious offences against person and property, and in minor offences against property in the town, and the increase of prosecutions for nuisances, indicate a more active police administration.

3. During the year under review 47,987 persons were arrested for all classes of offences, the number being 7,517 more than in 1882. This increase was the result of more frequent prosecutions in the town for public nuisances and street offences, and in the town and suburbs for conservancy offences. In cognizable offences under the Penal Code, however, in both town and suburbs, arrests and convictions somewhat decreased. The percentage of convictions was, in cognizable offences under the Penal Code, 56, in miscellaneous cognizable offences

91·08, in Penal Code non-cognizable offences 79·88, in miscellaneous non-cognizable offences 87·45. There were 40,363 persons convicted of all kinds of offences, out of 47,987 arrested. Thus in 84·11 out of every 100 arrests the action of the police was justified by the result of the trials. In all cognizable crime there were convicted in the town 1,031 Hindus, 690 Mussulmans, 151 Christians, and three Jains, and in the suburbs 276 Hindus, 265 Mussulmans, and three Christians. Both in the town and the suburbs the Mussulmans committed, as in previous years, more serious crimes in proportion to their number than any other class of the population. As usual there was no crime among the Brahmos and Sikhs.

4. The percentage of false to true cases shows a satisfactory decrease from 2·07 in 1882 to 1·35 in 1883. The following statement gives the return of cases reported during the years 1882 and 1883, and the number of cases shown as false :—

				Town.	Suburbs.	Percentage of false crimes to true crime.
1882.						
Cases reported	...	...	...	83,477	6,361	} 2·07
False cases	...	...	...	783	43	
1883.						
Cases reported	...	...	...	85,473	8,710	} 1·35
False cases	...	...	...	510	67	

The total net decrease in false cases was thus 229, there being a decrease of 273 in the town and an increase of 44 in the suburbs. Of the total number of prosecutions for laying false charges in the town and suburbs, the complainants were imprisoned in four cases, in 80 they were fined, in 73 compensation was awarded to the persons falsely accused, in 24 the complainants were discharged. In 294 cases the charges were not laid against any person by name, and there was no evidence on which a prosecution could be based. In the remaining cases the charge was merely false through mistake of law or fact. In the Resolution on the Report on the Police Administration of Calcutta and its Suburbs for the year 1882, it was impressed on the Presidency Magistrates that nothing tends to discourage the institution of maliciously false cases so much as the knowledge that they who bring them will be criminally prosecuted. The efficiency of this procedure has been clearly shown by the experience of the past year; though the number of prosecutions under the Indian Penal Code for false evidence and false complaints of all kinds was still under 7 per cent. of the total number of false cases reported.

5. The following table shows the value of the property stolen and recovered during the past three years :—

				Value of property stolen.	Value of property recovered.	Percentage of value of property recovered.
				Rs.	Rs.	
1881	{ Town	...	...	1,26,045	78,800	62·51
		Suburbs	...	11,582	8,654	74·71
	Total			1,37,627	87,454	63·54
1882	{ Town	...	...	97,900	58,307	59·56
		Suburbs	...	13,936	5,682	40·77
	Total			1,11,836	63,989	57·21
1883	{ Town	...	...	1,38,739	76,714	55·29
		Suburbs	...	23,736	7,351	30·96
	Total			1,62,475	84,065	51·74

Although the number of cases in which property was stolen was 128 less, the value of the property stolen was Rs. 50,639 more than in the preceding year. In the suburbs, in a single burglary case, Rs. 7,000 were stolen and not recovered; and the percentage of recoveries in the suburbs was, in consequence, considerably lowered.

6. The number of true cognizable cases in the town slightly increased, as compared with the number in 1882, but was considerably smaller than that in 1881, the figures being 16,882 for 1881, 13,978 for 1882, and 14,091 for 1883. There was a decrease of four cases in offences against the State, of 14 in serious offences against person and property, of 289 in minor offences against the person, and of 94 in minor offences against person and property. There was an increase of 79 in serious offences against the person, of 410 in other offences, and of 29 in offences against special and local laws. The increase from 190 to 269 in serious offences against the person is explained by the Commissioner of Police to be chiefly due to the police taking cognizance, under section 324, Indian Penal Code, as cases of causing hurt by dangerous weapons, of offences which would formerly have been shown as cognizable cases, of simple hurt under section 323, or of hurt on grave and sudden provocation under section 334; and there has accordingly been a diminution, partly accounted for by this procedure of the police, in the number of cases under sections 323 and 334, Indian Penal Code, from 280 to 116. It is possible that in this respect the strict letter of the law may sometimes be evaded. But, as Mr. Harrison remarks, the police must interfere and take cognizance, in a place like Calcutta, of cases in which persons are injured by blows of sticks and lathes, and unless they do so under section 324, they cannot do so at all if the assault or injury is not actually committed in their presence. So long, therefore, as the police limit their action under this section to cases of this description, it does not seem to be open to objection. One of the causes of the increase in cognizable cases was increased activity in enforcing the provisions of the Stage Carriage Act, the offences under this head showing a rise from 650 to 1,056. The increase in miscellaneous street offences was 1,142. There was a decrease from 479 to 53 of offences under the Police Act, the cause of which is not explained. The Contagious Diseases Act having been repealed during the year, only 76 cases are shown compared with 369 in 1882. Offences under the head of Cruelty to animals fell from 2,928 to 2,493, a decrease of 435, though the numbers under this head in the suburbs show an increase. There were seven cases of offences relating to coin and stamps more than in 1882, the figures being 15 in 1883, 8 in 1882, and 17 in 1881. Of these 15, three related to stamps and 12 to coin. The report does not state whether the coin offences were on a large scale or merely petty.

7. There were six murders in the town against seven in 1882; the attempts at murder were two as in that year; and culpable homicides increased from three to four. Two of the six were cases of murder of women by their paramours, the child of one of the women being also killed; one of a newborn child; one of a gunny-bag dealer in the course of a robbery; one of a paramour by a jealous husband; and one of a prostitute for her jewels. One of the accused was sentenced to transportation for life, one committed suicide, and the remainder were discharged on the evidence. In the attempts at murder both accused were sentenced to ten years' rigorous imprisonment. In three of the four cases of culpable homicide, the accused were convicted; in the fourth the accused absconded and evaded arrest. The cases of grievous hurt are shown as having risen in number from 22 in 1882 to 45. In one of these cases a cooly under arrest struck the constable in whose custody he was with a *dao* on the head; in another a prostitute was wounded by her paramour; and in the third a Hindoo was attacked by some milkmen for remonstrating with them against the practice of *phooka*, or the injection of salt into cows, referred to in paragraph 2 of the Resolution on the Report for 1881. There was, as in the preceding year, only one case of administering stupefying drugs, in which the accused, an up-country Hindoo, was charged with administering opium in some sweetmeats to a cartman, and was, on conviction by the High Court, sentenced to five years' rigorous imprisonment. It seems probable, from the large and unexplained increase in the returns of offences

of grievous hurt, that the police may have taken cognizance as such of some cases which would, before the change in the law, have been considered simple hurt, in the same way as they have taken cognizance of the latter cases under section 324, Indian Penal Code. If so, their procedure should be checked. In 20 convictions there were 11 sentences of from one week to two months, and three sentences of fine, and the injuries were not probably very serious. Kidnapping or abduction cases were 15 against 18 in 1882, and convictions were obtained in three of them. None of these cases call for any particular notice. There were 14 cases in which death or grievous hurt resulted from the doing of rash acts against 10 in 1882. Ten resulted in death and four in grievous hurt. One tram-car driver was sentenced to three months' and one to 18 months' rigorous imprisonment, and six other servants of the 'Tramway Company' were fined for rash driving. It is satisfactory to notice that in all cases of this kind active measures are taken against the offenders.

8. Offences of burglary and lurking house-trespass in the town decreased from 149 in 1882 to 130, of which 46 per cent. were detected. The percentage of detections was the same as last year. The value of property stolen amounted to Rs. 17,122, an amount greater than has been stolen in any one of the last ten years, but the percentage of recoveries was slightly better than in the preceding year. The true cases of theft fell from 1,839 in 1882 to 1,712; but the value of the property stolen rose from Rs. 89,481 to Rs. 1,21,411. Of this amount only Rs. 65,928 were recovered: 282 of the thefts were of property above Rs. 50 in value, amounting to a total value of Rs. 1,07,800. The large proportion of thefts committed by servants was noticed in the Report and Resolution last year. During 1883, 403 thefts were attributed to servants, and the amount stolen by them at 48·03 per cent. of the total value stolen. The Commissioner of Police remarks: "When it is brought to notice the careless way native servants are taken on by their masters without knowing anything of their previous history or even place of residence, the carelessness of the masters themselves, and consequently the great temptation to steal that is thrown in their way, it will be seen how difficult it is for the police to successfully trace out cases of this nature." A remarkable instance of this carelessness occurred during the year under review. A native gentleman, on going hurriedly from his town to his country residence, left his cash-box, containing notes and valuables to the amount of Rs. 24,000 on the floor of his sitting-room. The door was merely fastened by a common lock. Next morning the box was found lying forced open in a passage leading to the back stairs of the premises. There is little doubt that some of the servants in the house were the culprits, and hopes are still entertained of a discovery of the thieves.

Another case deserves notice as connected with thefts from European vessels lying in the river—

"During the beginning of the third quarter, watches, gold chains, gold spectacles, and sundry other articles were being stolen from different vessels in a singular manner. At first the police were completely baffled, but one day Inspector Forsyth of the River Police heard of a respectable man having been on board a certain ship in the river with two ladies looking out for a passage, and from certain conversation that ensued, he suspected that this man was probably the one who had committed all these thefts. He was searched for and found to be Ellis, then living at No. 10, Weston's Lane, in charge of the Temperance Club. He was recognised as the man who had pledged certain articles of jewellery that had been stolen from the ships in port, and further enquiries enabled the police to trace nearly all the stolen property, and obtain evidence of his being the actual thief. Ellis was convicted and sentenced to two years and six months' rigorous imprisonment. He was a very fairly educated man, and a good musician, and had evidently seen better days."

9. The cognizable crime in the suburbs decreased from 3,276 to 2,857 cases. There was a remarkable increase in serious offences against the person, the number of which rose from 44 to 115, an increase of 71. The attempts at, and abetments of, suicide rose from 3 to 16; cases by hurt of dangerous weapons from 1 to 12; of grievous hurt from 12 to 38; offences under sections 353 and 354, Indian Penal Code, from 12 to 29. The explanation of the increase in cases of hurt by dangerous weapons is probably the same as that for the similar increase in the town; but there is no explanation of the increase under the other heads. Serious offences against person and property also largely increased, the numbers being 49 for 1882 and 81 for 1883. The increase in house-breaking alone was 32, the total number being 80. The average number of true offences of lurking house-trespass and house-breaking in the

suburbs during the first five years has been 81; and the number of these offences during 1883 was three above the average. This average, however, is much raised by the large number (109) of such offences committed in 1879: 77 per cent. of the cases are reported to have been very petty, a mere hole having been made in a mud or mat wall, and in only 37 of the 80 burglaries was property stolen. The value of the property stolen, however, amounted to Rs. 11,463, of which Rs. 7,000 were stolen from the regimental bania in the Ballygunge Cavalry Lines and nothing has as yet been recovered, though there appears a good chance of the crime being brought home to the perpetrators. Of the total amount stolen, only Rs. 1,458 worth were recovered. The number of thefts was 450, or 20 more than in 1882. The amount stolen was, however, Rs. 12,273, or slightly less than in the year preceding. The amount recovered rose from Rs. 4,719 to Rs. 5,893. The decrease in the total number of cognizable offences in the suburbs is chiefly accounted for by a decrease of 54 in cognizable offences under excise laws and of 417 in miscellaneous street offences.

10. The number of non-cognizable offences in the town shows a large increase from 18,716 in 1882 to 20,871 in 1883. Of these, 9,313 were under the Penal Code and 11,558 under local Acts. There was a decrease in minor offences against the person and against property. Cases of public and local nuisances were 1,805 more than in the year preceding. Three hundred and eighty-seven cases are shown of offences under Chapters VIII, XXXVI, XLII, and XLVI of the Criminal Procedure Code, against none in 1882. This statement is not intelligible. Chapter VIII of the Criminal Procedure Code provides for taking security to keep the peace and be of good behaviour; Chapter XXXVI provides for the maintenance of wives and children, but Chapter XLII merely contains provisions regarding bonds, and Chapter XLVI is miscellaneous. Town cases under the first two chapters named have not been shown in the returns of previous years, and the increase of 387 cases in 1883 is therefore only nominal. For the future, cases arising under Chapters VIII (of security for keeping the peace and for good behaviour) X and XI (public nuisances), XII (disputes as to immoveable property), XXXV (proceedings in cases of certain offences affecting the administration of justice), and XXXVI (maintenance) of the Criminal Procedure Code should be entered under this head.

11. The non-cognizable crime in the suburbs increased from 3,042 in 1882 to 5,766. Part of this increase was due to the change in the law, which rendered hurt cases non-cognizable; but the chief cause was a large increase in the number of prosecutions under the conservancy laws, which numbered 3,117 against 836 in the preceding year.

12. There were 60 suicides in the year under review, as compared with 45 in 1882. The average of the five preceding years was 56. In 25 of these cases the suicide was by hanging; in 15 by opium. The number of inquests held by the Coroner was 200. Accidental deaths decreased from 283 to 269, and of these 105 were by drowning, 58 by falls from trees and buildings, eight by snake-bite, 13 by carriage and horse accidents, 85 by other causes. Deaths by carriage and horse accidents were six less than in the preceding year. Two steamers, 16 cargo-boats, two passenger boats, and one private boat collided with the Hooghly Bridge, and of these nine sunk. No lives were lost.

13. The following table shows the quantity of arms and ammunition imported through the port of Calcutta in the past seven years:—

YEARS.		Sporting rifles.	Double and single-barrel sporting guns.	Pistols and revolvers.	Gunpowder.	Percussion caps.
		No.	No.	No.	lbs.	No.
1877	...	186	716	438	84,560	28,586,700
1878	...	174	365	306	80,000	11,234,000
1879	...	23	69	341	88,050	10,660,500
1880	...	116	135	356	43,260	14,881,000
1881	...	60	180	252	81,694	19,320,000
1882	...	201	196	259	84,099	20,565,250
1883	...	248	254	177	84,675	15,917,036

As it has been decided by the Government of India that birdshot is not ammunition within the meaning of the Act, it has been omitted from the returns and statements for the year. The total number of fire-arms sold in Calcutta was 985. The bulk of the trade is said to be in the hands of five or six firms. There were only two prosecutions under the Act during the year, both petty.

14. Six vagrants were in the Workhouse at the end of 1882, and 46 were admitted during the year under report. Of the 52 vagrants, 26 were discharged on finding employment, 8 were released who failed to procure work, 2 were deported, 1 imprisoned, 1 transferred to the lunatic asylum, and 14 remained in the Workhouse at the end of the year. Rupees 2,871 were spent in the maintenance of the vagrants at the Workhouse, and Rs. 378 in deporting vagrants from India.

15. Act V (B.C.) of 1879 was repealed during the year by the new Licensed Warehouse and Fire-Brigade Act IV of 1883. The chief changes were in the extension of the provisions to the Municipality of Howrah, and in the application of funds. Twenty per cent. of the fees and penalties received must, under the new Act, be applied by the Municipal Commissioners to the cost of inspection, and the remaining 80 per cent. to the cost of the Fire-brigade. The number of fires attended by the Brigade in 1883 was 26. Of these seven were in the town and 19 in the suburbs. In 1882 the number of fires was 36. The value of the property destroyed was Rs. 1,29,069 against an ascertained value of Rs. 16,87,523 destroyed in 1882. It is satisfactory to notice that there were no extensive jute fires in 1883, nor was any fire attended with loss of life. Damage estimated at a lakh of rupees was caused by a fire in Section G, Burra Bazar, in the town of Calcutta, during October last. Seventy kutchha buildings used as store-houses and timber-yards, containing large quantities of tar, rope, kerosine oil and timber were burnt. The fire is believed to have originated in some sparks which fell from a blacksmith's shop on to some tar. A new steam fire-engine was procured from England during the year, and is reported to have worked well.

16. The strength of the police was the same as in the preceding year, with the exception that 21 additional native officers were employed for regulating traffic on the Strand. In the town the total cost was Rs. 4,16,065, against Rs. 4,23,896 in 1882. Of this, Rs. 2,69,453 was paid by the Municipality, Rs. 89,818 was the Government contribution, and Rs. 56,794 were realized in fees and fines. In the suburbs the cost of the police was Rs. 1,48,558, against Rs. 1,53,743 in 1882.

The cost of the River Police was Rs. 30,122, of the Government guards Rs. 46,685, of the Fort Police Rs. 4,451, of the lock-up guards Rs. 3,784, of the salt pass-station Rs. 3,006, of the (now abolished) Preventive Service Rs. 1,846, of additional constables Rs. 30,080.

17. The number of up-country men employed at the police-stations in the town and suburbs was 1,866, of whom 91 were native officers. Of 230 Bengalis employed, 148 were constables and 82 native officers. In 1882 the strength of the Bengalis was 278, of whom 85 were native officers and 193 constables. It is stated that, owing to the discipline enforced in the service, coupled with the fatigue and exposure of the duty required, Bengali recruits will not come forward for enlistment.

18. The number of cases instituted during the year in the Court of the Chief Presidency Magistrate was 12,124, as against 10,385 in the preceding year. The number of persons concerned rose from 12,976 in 1882 to 15,814, and of these 14,710 were convicted, 1,039 acquitted or discharged, 29 committed to take their trial at the Sessions of the High Court, and the remainder were under trial, transferred, or died. The total number of cognizable cases instituted was 7,100 against 6,879 in 1882; serious offences against the person and property decreased from 42 to 29; and there was a decrease in minor offences against the person and against property, with a slight increase in other classes of crime. Five thousand and twenty-four non-cognizable cases were instituted against 3,506 in the preceding year, the increase being chiefly among public and local nuisance offences. The cognizable cases instituted before the Magistrate of the Northern Division amounted to 4,867 against 4,737 in the preceding year, and among these

there were convictions in 4,431. The non-cognizable cases in that Court were 3,883 in number against 3,347 in 1882. There was an increase of 457 cases under the head of public and local nuisances, which chiefly accounts for the total increase. The number of cases instituted before the Bench of Presidency Magistrates during the year was 12,064, 10,841 of which were under the Conservancy Act. The Chief Presidency Magistrate states that, as in the year preceding, he had to notice irregular attendance, and in some instances absence altogether without notice on the part of some of the Honorary Magistrates. He has pointed out these irregularities, but he admits that, as most of the Honorary Magistrates have business of their own to attend to, these absences cannot always be avoided. The Lieutenant-Governor fully appreciates the assistance rendered by the Honorary Benches in the administration of justice in Calcutta and the Suburbs, and he is glad to find that on the whole their working has been most satisfactory.

19. The Lieutenant-Governor has again to acknowledge the ability with which Mr. Harrison has performed his duty as Commissioner of Police during a year of exceptional difficulties. Mr. Wilkins, the Officiating Deputy Commissioner, in whose hands rested the direct control of the force, has worked with his usual intelligence and efficiency. The police force of Calcutta, as a whole, has worked zealously and well throughout the year. Its duties have been much heavier than in ordinary years, owing to the extra work entailed on it by the Exhibition and the unusual crowds of visitors. Mr. Rivers Thompson has noticed with pleasure the large number of officers, both European and Native, who have been specially commended for good services.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Commissioner of Police, Calcutta, for information, and for communication to the Presidency Magistrates.

Ordered also that a copy of the Resolution be forwarded to the Commissioner of the Presidency Division for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

Secretary to the Government of Bengal.

ALTERATION OF CLAUSE 6 OF THE "NOTICE TO PILGRIMS"
ATTACHED TO PILGRIM PASSPORTS.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

No. ⁵
176-91.

*Extract from the Proceedings of the Government of India, in the Home Department,—
(Sanitary) under date Simla, 3rd July 1884.*

READ—

Home Department Resolution No. ⁴
193-214, dated 12th July 1882..

Telegram from the Secretary of State, dated 20th February 1884.

Telegram to the Secretary of State, dated 22nd February 1884.

Despatch from the Secretary of State, No. 57 (Statistics and Commerce), dated 24th April 1884.

RESOLUTION.

It having been brought to the notice of the Government of India that Clause 6 of the "Notice to Pilgrims," attached to the passport issued under the Resolution cited in the preamble, is liable to be understood as implying that the pilgrim holding the passport is entitled to pecuniary assistance from the British Consul at Jeddah, His Excellency the Governor General in Council is pleased to direct that the clause be altered as follows:—

"This passport is granted solely for the convenience of the pilgrim. The holder thereof should apply to the British Consul at Jeddah for advice in case of difficulty."

ORDER.—Ordered that a copy of the above Resolution be forwarded to all Local Governments and Administrations, and to the several Departments of the Government of India, for information and guidance. Also that it be published in the *Gazette of India* and in all Local Gazettes for general information. Local Governments should arrange for its translation and publication in the Vernacular Gazettes, and amend the passports issued accordingly.

A. MACKENZIE,

Secretary to the Government of India.

PUBLIC NOTICE.

ALL persons proposing to make a pilgrimage to Mecca are hereby warned that they will be required by the Turkish Government to perform quarantine for at least 10 days on the Island of Camaran before being allowed to go on to Jeddah, during which period the pilgrims will have to provide for all their expenses. They should, therefore, make certain, in taking their passages, that the steamer starts so as to arrive at Jeddah in time for the Haj, after making due allowance for the detention at Camaran. During the quarantine at Camaran the Turkish Government require the pilgrims to pay certain fees besides arranging for their own provisions, and ships which have evaded quarantine are not allowed to land their pilgrims at Jeddah.

Pilgrims are, therefore, warned that before starting they should see that they have sufficient funds for the expenses of quarantine and of the Haj, and for their journey back to India. The Mahomedan Vice-Consul at Jeddah, Abdur Ruzzak, suggests that each pilgrim should have at least Rs. 300 with him when he leaves India after having paid his passage to Jeddah. No pecuniary assistance can be obtained from the British authorities at Jeddah.

Intending pilgrims should apply to the Protector of Pilgrims, Bombay, and to the Port Officer at other ports for information as to the latest safe date for sailing.

HOME DEPARTMENT;

SANITARY,

Simla, 3rd July 1884.

A. MACKENZIE,

Secretary to the Government of India.

SPECIAL PRIZES FOR PROFICIENCY IN VETERINARY SCIENCE AND PRACTICE AT THE ROYAL AGRICULTURAL COLLEGE, CIRENCESTER.

The following papers are published for general information.

COLMAN MACAULAY,
Secretary to the Govt. of Bengal.

No. 154T, dated Darjeeling, the 28th June 1884.

Memo. by—A. CARR, Esq., Director of Public Instruction.

Copy, together with a copy of the rules, forwarded to the Secretary to the Government of Bengal, Financial Department, for information, in reference to his office No. 132, dated the 27th July 1883.

Royal Agricultural College, Cirencester, the 27th May 1884.

BENGAL SCHOLARS.

Veterinary Prizes.

In reference to your letter of the 28th March 1884 approving certain recommendations as to the conditions of award of these prizes, I have now the honour to enclose three copies of the detailed Regulations which I have issued, embodying the said recommendations in a practical form, and which I trust will be found to meet all requirements.

These Regulations and my instructions to the Examiners will insure that the objects of the Bengal Government will be safeguarded, and I trust amply secured.

You will probably receive through Mr. Fitzgerald, of the India Office, a notice of the success of *Giris Chandra Bose* this month in obtaining the First Prize, with the Report of the Examiner.

It was not possible in this first competition, owing to the recent institution of the prizes, to give notice of or to require the fulfilment of all the conditions of the now settled Regulations, but an equal standard was insisted on, and the sole candidate, the said G. C. Bose, gave so great satisfaction to the Special Examiner (Professor Brown, Consulting Veterinary Surgeon to the Privy Council), that he was recommended to me, and approved by me for the first prize of £50.

I have, &c.,

J. B. McCLELLAN.

FIRST PRIZE, £50. SECOND PRIZE, £20.

The competition is confined to the Bengal scholarship holders at the Royal Agricultural College.

2. Subject to the other provisions of these Regulations, the First Prize will be annually awarded to that Bengal scholar who, upon the completion of his seventh session, and having passed all his classes, stands at the head of the list in a special final veterinary examination, provided that both in the said examination and also in the final examination for the diploma and on an average in the three ordinary preliminary examinations he has obtained at the least *three-fourths* of maximum marks in the subject of Veterinary Science and Practice.

3. The Second Prize will be annually awarded to that Bengal scholar of the same standing, not being the successful competitor for the First Prize, who has similarly obtained in the aforesaid examinations at the least *two-thirds* of maximum marks, and who, if there be two or more qualified competitors, has obtained the highest total number of marks.

4. The special final examination will be subject to the approval of the Principal, and will be conducted by such Examiners, external or otherwise, as may on each occasion be determined by the Principal. It will be partly by printed questions, and partly *viva voce*, and will embrace the whole course of Veterinary Science and Practice prescribed in the Royal Agricultural College Syllabus, with other details and investigations at the discretion of the Examiners, having regard to the express object of the institution of the prizes.

5. The First Prize will not be awarded if, as regards Veterinary Science and Practice, the first competitor be not at the head of the list of all the candidates whatsoever for the diploma, who take up that subject for their special subject.

6. The general grounds of disqualification for College Prizes will be grounds of disqualification for these Prizes also.

7. Candidates intending to compete for the Prizes are requested to give in their names to the Principal at least two months before the commencement of the ordinary final examination.

PROGRESS REPORTS OF THE NATIVE SCHOLARS AT THE ROYAL AGRICULTURAL COLLEGE AT CIRENCESTER.

The following correspondence is published for general information.

COLMAN MACAULAY,
Secretary to the Government of Bengal.

No. 577-45-9, dated. Simla, the 3rd July 1884.

Endorsed by the Under-Secretary to the Government of India, Revenue and Agricultural Department.

Copy forwarded to the Government of Bengal, for information, in continuation of the endorsement from this Department No. 127 of the 27th February last.

No. 42, dated India Office, London, the 29th May 1884.

From—Her Majesty's Secretary of State for India,

To—His Excellency the Most Hon'ble the Governor-General of India in Council.

In continuation of my despatch of the 24th January last, No. 3, I forward the reports for the last two sessions upon the progress and conduct of the native scholars at the Royal Agricultural College at Cirencester, and copy of a letter from the Principal, stating that Babu Grish Chandra Bosu has concluded a very satisfactory course by obtaining the second place in the final examination for the College diploma, besides gaining the highest honors of the Royal Agricultural Society of England and the Fellowship of the Highland and Agricultural Society of Scotland, thus carrying away all the principal agricultural diplomas of Great Britain. The letter also explains the circumstances which induced me to despatch

Dated 25th April 1884.

to your Excellency the telegram noted in the margin, in support of the recommendation of the Principal, that Babu K. Chakravarti should be granted an extension of his scholarship.

Dated Royal Agricultural College, Cirencester, the 19th April 1884.

From—JOHN B. McCLELLAN, Esq., Principal,

To—G. W. FITZGERALD, Esq.

I ENCLOSE the abstracts of accounts and certificates of the Indian scholars, with receipts and "reports" as usual,—the last for two sessions.

I also send a special report about Bose's successes and Chakravarti's illness.

Unless the latter can get his scholarship extended, he may not find himself able to return to College to obtain his diploma, which would be a great misfortune.

Serious illness is a contingency to be in some way or other provided for.

Chakravarti's illness is rheumatic gout, and rheumatic fever with it. His eyes have suffered severely. Bose will see you and tell you more. He will, I fear, have a heavy doctor's bill.

Dated Royal Agricultural College, Cirencester, the 10th April 1884.

From—JOHN B. McCLELLAN, Esq. Principal,

To—The Under Secretary of State for India.

Bengal Scholars.

G. C. BOSE (BASU).

B. K. CHAKRAVARTI.

Special Report.

I beg specially to bring under your notice, for favourable consideration, the names of the above scholars, who have now completed the allotted time of 2½ years at the College.

Mr. Bose has obtained the second place in the final examination for the diploma (as shown on the accompanying class list).

He also obtained the first place in the examination for the senior prizes of the Royal Agricultural Society of England held in London last May, and the Life Membership of the Society. Similarly, he obtained the diploma of Fellowship of the Highland and Agricultural Society of Scotland by competitive examination last year.

He, thus, carries away all the principal agricultural diplomas of Great Britain.

Mr. Chakravarti, who in usual course would this term have sat (and no doubt successfully) for the final examination for the diploma of this College with Mr. Bose, has unfortunately been totally incapacitated for work during the whole session by an attack of rheumatic gout.

His recovery is very slow, but it is hoped that he may be able, if the Bengal Government will agree, and will extend his scholarship for one more session, to return to his studies next session and enter for the final examination.

As it will be a serious loss to him to have to return to India without the diploma, I beg to recommend him to the favourable consideration of the Government for the above permission and assistance.

RETURNS OF JOINT-STOCK COMPANIES FOR THE YEAR 1883-84.

No. I.

Statement shewing the name and number on the register borne by each Joint-Stock Company registered in the Calcutta Registry Office, with its object, nominal capital, and date of registration, during the year ending 31st March 1884.

Number on this list.	Number borne by each company on the general register.	NAME OF EACH COMPANY.	Object of each company.	Date of registration.	Nominal capital.	REMARKS.
					Rs.	
1	471	Jheel Press Co., Ltd. ...	To press cotton, jute, &c. ...	14th May 1883	1,50,000	
2	472	Calcutta Trading Co., Ltd. ...	To trade in jute, cotton, and other produce.	19th June "	50,000	
3	473	Agri Pressing Co., Ltd. ...	To press cotton, jute, &c. ...	30th "	1,55,000	
4	474	Borpukhuri Tea Co., Ltd. ...	To cultivate tea ...	11th July "	1,50,000	
5	475	Gyabaron Tea Co., Ltd. ...	To cultivate tea ...	12th "	2,00,000	
6	476	Second Fallodhi Tea Co., Ltd. ...	To cultivate tea ...	12th "	2,00,000	
7	477	Arrakan Petroleum Oil Co., Ltd. ...	To refine and manufacture petroleum oil.	14th "	6,00,000	
8	478	Pabna Bank, Ltd. ...	To lend money ...	8th August "	20,000	
9	479	Mahurong Tea Co., Ltd. ...	To cultivate tea ...	9th "	1,00,000	
10	480	India Pressing Co., Ltd. ...	To press jute and other produce ...	13th "	1,50,000	
11	481	Crystal Ice Supply Co., Ltd. ...	To manufacture ice ...	14th "	2,00,000	
12	482	Debrugarh Stores Co., Ltd. ...	To sell goods, stores, &c. ...	16th "	10,000	
13	483	Ganges Steam Tug Co., Ltd. ...	To tow vessels between Calcutta and Bay of Bengal.	25th "	7,00,000	
14	484	Kishoregunge Loan Office, Ltd. ...	To lend money ...	19th September "	20,000	
15	485	Ghumsa Tea Co., Ltd. ...	To cultivate tea ...	2nd November "	1,50,000	
16	486	Bargong Tea Co., Ltd. ...	To cultivate tea ...	25th "	1,50,000	
17	487	Calcutta Steam Laundry Co., Ltd. ...	To wash, clean dresses by steam power.	16th December "	50,000	
18	488	New Indian Portland Cement Co., Ltd. ...	To manufacture and deal in portland cement.	4th January 1884	4,50,000	
19	489	Binary Ice Machine Agency, Ltd. ...	To sell machine and apparatus for the manufacture of ice.	12th "	50,000	
20	490	Dooghur Mining Co., Ltd. ...	To work copper and other metals and minerals.	18th "	24,00,000	
21	491	Ramree Oil Prospecting Co., Ltd. ...	To refine and manufacture petroleum oil.	6th February "	32,000	
22	492	Tarkessur Railway Co., Ltd. ...	To construct railway from Soora-phuli to Tarkessur.	18th "	10,50,000	
23	493	Castle Distillery and Brewery Co., Ltd. ...	To distil and rectify wines and spirits and manufacture mineral waters.	6th March "	2,00,000	
24	494	Matelli Tea Co., Ltd. ...	To cultivate tea.	27th "	1,00,000	
					77,97,000	

No. II.

Statement shewing the register number and names of companies that have increased their capital during the year ending 31st March 1884.

Number on this list.	Register number borne by each company.	DATE OF REGISTRATION.	Amount of original capital.	Names of companies.	Date of increase.	Amount of increased capital.	REMARKS.
			Rs.			Rs.	
1	303	18th August 1879	0,50,000	Indian Portland Cement Co., Ltd. ...	7th May 1883	1,00,000	Since wound-up.
2	304	10th September ..	64,000	Tanaka Tea Co., Ltd. ...	22nd June ..	82,000	
3	401	20th March 1880	1,00,000	Dacca Loan Office, Ltd. ...	3rd July ..	1,00,000	
4	521	4th August 1875	1,00,000	Dacca Tea Co., Ltd. ...	10th September ..	30,000	
5	567	9th July 1878	3,30,000	Bengal Ice Manufacturing Co., Ltd. ...	5th November ..	1,70,000	
6	28	20th September 1858	35,00,000	India General Steam Navigation Co., Ltd.	10th January 1884	22,00,000	
7	128	9th October 1803	14,00,000	Goswami Cotton Mills Co., Ltd. ...	17th March ..	1,00,000	
8	221	7th April 1809	1,12,00,000	Hong-Kong and Shanghai Banking Corporation.	31st ..	60,25,000	
						83,57,000	

No. III.

Statement shewing the register numbers and names of companies that have commenced winding-up, have been finally dissolved, or are otherwise defunct, with their capital, dates of registration, winding-up or final dissolution, during the year ending 31st March 1884.

Number of this list.	Number borne by the company on the register.	NAMES OF COMPANIES.	Nominal capital.	Date of registration.	Date of winding-up.	Date of final dissolution.	Date on which written off defunct.	REMARKS.
			Rs.					
1	408	Assam Mineral Oil Co., Ltd.	1,00,000	14th Jan. 1881	16th April 1883	25th May 1883		
2	407	Tennore Farming Co., Ltd.	20,000	8th Dec. 1880	24th			
3	379	New Pallochi Tea Co., Ltd.	2,00,000	10th Feb. 1874	2nd May ..	17th Mar. 1884		
4	46	Calcutta Docking Co., Ltd.	12,18,000	4th Sept. 1860	21st			
5	404	Sylhet United Co., Ltd.	20,000	23rd Aug. 1880	22nd June ..			
6	434	Calcutta Ice Co., Ltd.	2,00,000	5th April 1883	26th Jan. 1883	25th Sept. 1883	16th Aug. 1885.	
7	576	Nowra Nuddy Tea Co., Ltd.	70,000	26th Dec. 1878	26th Jan. 1883	25th Sept. 1883		
8	359	Sonai Tea Co., Ltd. ...	1,00,000	23rd Jan. 1877	3rd Nov. ..	31st Mar. 1884		
9	329	Panbura and Koor-korin Tea Co., Ltd.	1,50,000	14th .. 1874	22nd Dec. ..			
10	295	Baree Tea Co., Ltd. ...	1,50,000	23rd Sept. 1874	5th Jan. 1884			
11	256	Dadarkuan Tea Co., Ltd.	1,00,000	9th April 1873	29th			
12	210	Calcutta Opera House Co., Ltd.	40,000	11th Sept. 1867	20th Sept. 1881	19th Feb. 1884		
13	195	Muttuck Tea Co., Ltd.	4,00,000	20th May 1863	27th Feb. 1884			
14	593	Indian Portland Cement Co., Ltd.	7,50,000	18th Aug. 1879	10th Mar. ..			
15	422	Torpur Sugar Works Co., Ltd.	2,00,000	9th Nov. 1881	14th			
16	456	British India Ice Co., Ltd.	2,00,000	16th .. 1882	17th	17th Mar. 1884		
17	343	Mymensingh Great Eastern Bengal Exchange Co., Ltd.	20,000	23rd Aug. 1876	20th			
18	395	Bengal Banking Corporation, Ltd.	20,00,000	4th Feb. 1880	31st			
19	298	Jheerog-haut Tea Co., Ltd.	2,20,000	6th Oct. 1874	31st			
20	370	Sahabad Sugar Co., Ltd.	1,60,000	12th Sept. 1878	10th June 1881	31st Mar. 1884		

No. IV.

Statement shewing the register numbers and names of literary, scientific, and charitable societies registered under Act XXI of 1860 during the year ending 31st March 1884.

Nil.

No. VI.

Statement shewing in order of registration the number and names of Joint-Stock Companies existing on the register on the 31st March 1884, with their nominal and paid up capital and date of last balance sheet filed.

Serial number.	Register number by each company.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid up capital.	Date of last balance sheet filed.	REMARKS.
				Rs.	Rs.		
1	20	Bengal Coal Co., Ltd.	24th July 1888	24,00,000	24,00,000	30th April 1883	
2	22	India General Steam Navigation Co., Ltd.	25th Sept. "	55,00,000	33,00,000	31st Dec. "	
3	24	Bengal Unconvenanted Service Medical Hall Association, Ltd.	8th Dec. "	80,000	25,940	31st "	
4	30	Bengal Tea Co., Ltd.	33rd Nov. 1880	10,00,000	9,48,520	31st "	
5	40	Bahamun Tea Co., Ltd.	21st Feb. 1880	2,00,000	2,00,000	31st "	1882
6	63	East India Tea Co., Ltd.	7th Aug. 1861	10,00,000	10,00,000	31st "	1883
7	67	Kanchiapore Tea Co., Ltd.	13th Nov. "	5,00,000	4,50,000	31st "	
8	68	Sylhet Tea Co., Ltd.	18th Dec. "	1,50,000	1,45,535	31st Jan. 1884	
9	73	Great Eastern Hotel Wine and General Purveying Co., Ltd.	28th Feb. 1862	12,00,000	11,08,800	28th Feb. 1883	
10	78	Bamguri Co., Ltd.	17th Sept. 1862	10,00,000	4,25,000	31st Dec. "	
11	81	Scam Tea Co., Ltd.	20th Nov. "	5,00,000	5,00,000	31st "	
12	86	Pankhabaree Tea Co., Ltd.	9th March 1863	2,50,000	2,18,342	31st "	1882
13	89	Dehra Doon Tea Co., Ltd.	31st "	20,00,000	8,75,000	31st "	1883
14	90	R. Scott Thomson & Co., Ltd.	1st April "	5,00,000	4,67,000	31st March "	
15	100	Central Cachar Tea Co., Ltd.	2nd May "	10,00,000	10,00,000	31st Dec. "	
16	103	Bishnath Tea Co., Ltd.	6th "	11,00,000	8,25,000	31st "	
17	111	Eastern Cachar Tea Co., Ltd.	15th July "	7,00,000	7,00,000	31st "	
18	112	Equitable Coal Co., Ltd.	1st Aug. "	8,00,000	8,00,000	31st "	1882
19	114	Calcutta Landing and Shipping Co., Ltd.	7th "	5,00,000	4,20,000	30th April 1883	
20	120	Howrah Docking Co., Ltd.	15th Sept. "	8,00,000	8,00,000	31st Dec. "	
21	124	Jallapore Cachar Tea Co., Ltd.	24th "	1,00,000	1,00,000	31st "	
22	128	Gossory Cotton Mills Co., Ltd.	9th Oct. "	15,00,000	15,00,000	31st "	
23	137	Kanung and Darjeeling Tea Co., Ltd.	12th Dec. "	8,00,000	6,81,000	31st "	
24	139	Durring Tea Co., Ltd.	4th Jan. 1864	5,00,000	4,65,000	31st "	1880
25	140	Mencheria Tea Co., Ltd.	30th "	8,00,000	7,39,150	31st "	1883
26	144	Tuckvar Co., Ltd.	20th Feb. "	12,00,000	7,34,300	31st "	
27	153	Moran Tea Co., Ltd.	20th July "	6,00,000	4,80,000	31st "	1882
28	182	Calcutta Central Press Co., Ltd.	21st April 1862	75,000	70,700	30th April 1883	
29	200	Durrabhai Co., Ltd.	23rd "	60,000	0	30th Nov. "	
30	203	Kurumb Steam Tur Co., Ltd.	12th July 1866	3,00,000	1,80,000	30th April "	
31	207	Kuttal Tea Co., Ltd.	24th Jan. 1867	1,00,000	1,00,000	31st Dec. 1882	
32	212	Chandypore Tea Co., Ltd.	8th Aug. "	2,50,000	2,50,000	31st "	1882
33	213	Nasmyth Patent Press Co., Ltd.	16th Sept. "	3,20,000	3,20,000	30th June "	
34	218	New Mutual Tea Co., Ltd.	15th Aug. 1868	1,20,000	1,17,750	31st Dec. "	
35	220	Arcuttipore Tea Co., Ltd.	10th Jan. 1869	3,00,000	3,00,000	31st "	
36	221	Hong-Kong and Shanghai Banking Corporation.	7th April "	1,68,75,000	1,68,18,170	31st "	
37	224	Nutwanpore Tea Co., Ltd.	8th Jan. 1870	4,00,000	4,00,000	31st "	
38	225	Freeport Loan Office, Ltd.	13th June "	20,000	18,200	12th April "	
39	226	Tipperah Loan Office, Ltd.	24th March 1871	1,00,000	84,250	12th "	
40	227	Cuttacherra Tea Co., Ltd.	30th May "	2,70,000	2,50,000	31st Dec. 1882	
41	228	Adulphore Tea Co., Ltd.	5th June "	1,10,000	1,10,000	31st "	1883
42	233	Sinroll Tea Co., Ltd.	16th Nov. "	6,25,000	6,25,000	31st "	
43	234	Indian Terni Tea Co., Ltd.	4th Dec. "	1,50,000	1,50,000	31st "	
44	235	Masagram Tea Co., Ltd.	27th Jan. 1872	2,00,000	1,75,000	31st "	
45	237	Hochmoss Tea Co., Ltd.	23rd March "	4,00,000	4,00,000	31st "	
46	238	Central Terni Tea Co., Ltd.	4th April "	4,00,000	4,00,000	31st "	1882
47	242	Dassal and Parbatia Tea Co., Ltd.	14th July "	1,80,000	1,80,000	31st "	1883
48	244	Howrah Cotton Mills Co., Ltd.	7th Aug. "	18,00,000	18,00,000	31st Aug. "	
49	249	Cocheeln Tea Co., Ltd.	17th Jan. 1873	3,00,000	2,68,675	31st Dec. "	
50	250	Assensol E. I. R. Co-operative Society, Ltd.	18th Feb. "	10,000	10,000	31st "	1882
51	261	Holta Tea Co., Ltd.	27th "	5,50,000	5,50,000	31st "	1883
52	265	Knagsunge Coal Association, Ltd.	8th April "	9,00,000	8,25,000	31st March "	
53	267	Calcutta Hydraulic Press Co., Ltd.	10th "	1,70,000	1,70,000	31st Dec. "	
54	269	Budge Budge Jute Mills Co., Ltd.	21st "	1,50,000	11,40,000	30th April "	
55	260	Gowhaty Tea Co., Ltd.	2nd May "	1,00,000	4,00,000	31st Dec. "	
56	261	Fort Gloster Jute Manufacturing Co., Ltd.	4th "	14,00,000	14,00,000	31st May "	
57	262	New Beerbhoom Coal Co., Ltd.	16th May 1873	7,20,000	7,20,000	31st Oct. 1883	
58	263	Buxar Co-operative Society, Ltd.	23rd "	4,000	4,000	31st Dec. "	
59	265	Kalacherra Tea Co., Ltd.	23rd July "	2,75,000	2,75,000	31st "	
60	266	Colonial Tea Co., Ltd.	24th "	3,00,000	3,00,000	31st "	1882
61	267	Amable Tea Co., Ltd.	1st Sept. "	3,00,000	3,00,000	31st "	
62	268	Mymensingh Loan Office, Ltd.	23rd "	1,00,000	45,000	14th April 1883	
63	269	Lahor Transport Co., Ltd.	23rd Oct. "	1,00,000	44,550	31st Aug. 1882	
64	270	Barnal Loan Office, Ltd.	17th Nov. "	20,000	18,000	13th March 1883	
65	271	Singbuth and Murmah Tea Co., Ltd.	26th "	4,00,000	3,00,000	31st Dec. 1882	
66	272	Seepore Jute Manufacturing Co., Ltd.	1st Dec. "	15,00,000	15,00,000	31st "	1883
67	274	Agricultural Phosphates Co., Ltd.	18th "	1,00,000	85,000	31st "	
68	276	Pattarah Tea Co., Ltd.	31st "	2,00,000	2,40,000	31st "	
69	276	Sprink Side Tea Co., Ltd.	10th Jan. 1874	1,68,000	1,68,000	31st "	
70	280	Watson's Patent Press Co., Ltd.	25th Feb. "	3,00,000	3,00,000	31st "	
71	281	Mothola Co., Ltd.	31st March "	1,50,000	1,50,000	31st "	
72	282	Tankistopore Press Co., Ltd.	23rd April "	1,50,000	1,50,000	30th Sept. "	
73	287	River Side Press Co. (Watson's Patent), Ltd.	13th July "	3,00,000	2,70,000	30th June "	
74	288	Lowrah Mills Co., Ltd.	14th "	17,50,000	15,72,500	31st Dec. "	
75	290	Strand Bank Press Co. (Watson's Patent), Ltd.	24th "	2,50,000	2,50,000	31st Jan. 1884	
76	291	Tandurra Co., Ltd.	28th "	1,35,000	1,35,000	31st Dec. 1883	
77	292	Jomkollies Tea Co., Ltd.	7th Aug. "	80,000	80,000	31st "	
78	293	Buckhols Tea Co., Ltd.	1st Sept. "	2,70,000	2,70,000	31st "	
79	294	Pu ghing Tea Co., Ltd.	15th "	1,00,000	1,25,000	31st "	1882
80	295	Asvra Jute Co., Ltd.	30th "	4,00,000	3,92,800	31st "	1883
81	299	Pharia Tea Co. of Cachar, Ltd.	9th Oct. "	6,25,000	5,35,000	31st "	
82	301	Buxar Loan Office, Ltd.	5th Nov. "	20,000	20,000	12th April "	
83	302	Sunco, Lahor Tea Co., Ltd.	14th "	2,00,000	2,00,000	31st Dec. "	
84	304	Gusta Naphora Tea Co., Ltd.	27th "	2,50,000	2,50,000	31st "	
85	304	Lucknow Tea Co., Ltd.	6th Dec. "	2,25,000	2,25,000	31st "	
86	307	Durring Cotton Mill, Ltd.	8th "	20,00,000	13,20,000	31st "	1882
87	311	Secon's Mutual Tea Co., Ltd.	23rd Feb. 1875	2,35,500	2,03,000	31st "	1883
88	312	Mut Tea Co., Ltd.	3th Mar. "	1,00,000	1,50,000	31st "	
89	313	Genie Tea Co., Ltd.	20th "	5,00,000	4,10,000	31st "	
90	314	Hochmoss Tea Co., Ltd.	25th "	1,50,000	1,50,000	31st "	

Serial number.	Register number borne by each company.	NAMES OF COMPANIES.	Date of registra- tion.	Nominal capital.	Paid of capital.	Date of last balance sheet filed.	REMARKS.
				Rs.	Rs.		
91	316	Sapakati Tea Co., Ltd. ...	1st May 1875	88,000	88,000	31st Dec. 1883	
92	317	Rajaburne Tea Co., Ltd. ...	5th "	2,00,000	2,00,000	31st "	
93	319	Carew & Co., Ltd. ...	11th June "	16,00,000	16,00,000	31st "	
94	320	Burrakur Coal Co., Ltd. ...	11th "	1,50,000	1,50,000	31st May "	
95	321	Prob Tea Co., Ltd. ...	21st "	6,00,000	6,00,000	31st Dec. "	
96	322	Sydney Cultivating Co., Ltd. ...	25th "	20,000	12,000	11th April "	
97	324	Dooars Tea Co., Ltd. ...	4th Aug. "	1,50,000	1,50,000	31st Dec. "	
98	326	Nasirabad Loan Office, Ltd. ...	25th Sept. "	20,000	20,000	15th April "	
99	330	North-Western Cashier Tea Co., Ltd. ...	25th Jan. 1876	2,76,000	2,76,000	31st Dec. "	
100	331	Rungta Rungla Tea Co., Ltd. ...	31st Feb. "	1,40,000	1,40,000	31st "	
101	333	Jessore Loan Co., Ltd. ...	15th April "	1,20,000	95,640	30th April "	
102	334	Gourypore Co., Ltd. ...	15th "	12,00,000	12,00,000	31st Dec. "	
103	336	Shahar Sherepore Loan Office, Ltd. ...	23rd June "	20,000	15,170	12th April "	
104	339	Rupnath Stone Co., Ltd. ...	30th "	2,50,000	2,50,000	31st Dec. 1882	
105	341	Amuluckee Tea Co., Ltd. ...	24th July "	3,75,000	3,75,000	31st "	
106	342	Moonasree Loan Office, Ltd. ...	25th "	1,00,000	13,010	11th Feb. 1884	
107	345	Cachar Native Joint Stock Co., Ltd. ...	31st Aug. "	50,000	53,675	31st Dec. 1883	
108	347	Tista Valley Tea Co., Ltd. ...	20th Nov. "	5,50,000	3,20,000	31st "	
109	349	Dehing Co., Ltd. ...	31st Jan. 1877	10,00,000	9,00,000	31st "	
110	352	Dhansiri Tea Co., Ltd. ...	29th Mar. "	1,00,000	1,00,000	31st "	
111	353	East Bengal Mercantile Co., Ltd. ...	10th April 1877	21,000	1,155	11th April 1881	
112	354	Empress of India Cotton Mills Co., Ltd. ...	10th April 1877	8,75,000	8,75,000	31st Dec. 1883	
113	356	Good Hope Tea Co., Ltd. ...	2nd May "	1,15,000	1,00,000	31st "	
114	357	Unnatilash Tea Co., Ltd. ...	14th "	2,50,000	2,50,000	31st "	
115	359	Hot-water Tea Co., Ltd. ...	14th July "	50,000	50,000	31st "	
116	361	Kammerhaty Co., Ltd. ...	25th Sept. "	8,00,000	4,00,000	31st "	
117	363	Seemah Tea Co., Ltd. ...	2nd Jan. 1878	1,00,000	61,000	31st "	
118	364	Singam Tea Co., Ltd. ...	10th "	1,00,000	1,00,000	31st "	
119	365	Bahadurpore Tea Co., Ltd. ...	10th March "	20,000	17,630	31st "	
120	367	Bengal Ice Manufacturing Co., Ltd. ...	9th July "	5,00,000	4,86,000	31st "	
121	368	Hindoo Tea Co., Ltd. ...	12th "	35,000	24,500	31st "	
122	373	Loulah Tea Co., Ltd. ...	27th Sept. "	5,00,000	5,00,000	31st "	
123	374	Railway Hindoo Co-operative Society, Ltd. ...	13th Nov. "	20,000	6,018	31st "	
124	377	Longview Tea Co., Ltd. ...	16th Jan. 1879	3,44,000	3,44,000	31st "	
125	378	Darjeeling Tea and Chinolona Association, Ltd. ...	10th "	2,00,000	2,00,000	31st "	
126	379	United Medical Association, Ltd. ...	7th Feb. "	5,000	2,000	28th Feb. "	
127	381	Bengal Stone Co., Ltd. ...	15th "	80,000	80,000	31st Dec. "	
128	382	Chitpore Hydraulic Pressing Co., Ltd. ...	17th March "	4,00,000	4,00,000	31st Dec. 1883	
129	383	Nara Trading Co., Ltd. ...	20th "	20,000	6,488	31st "	
130	384	Kottai Tea Co., Ltd. ...	25th "	1,00,000	1,00,000	31st "	
131	385	Munja Tea Co., Ltd. ...	10th April "	1,50,000	1,50,000	31st "	
132	386	Darjeeling-Himalayan Railway Co., Ltd. ...	10th "	17,50,000	16,03,015	31st "	
133	389	Jamulpore Ice Manufacturing Co., Ltd. ...	28th May "	10,000	7,120	31st "	
134	390	Jalpisuri Tea Co., Ltd. ...	20th "	50,000	80,000	31st "	
135	391	Kankurrah Lime Factory Co., Ltd. ...	5th June "	10,000	8,500	31st "	
136	392	Washbarce Tea Co., Ltd. ...	8th Sept. "	1,00,000	1,50,000	31st "	
137	394	Toondoo Tea Co., Ltd. ...	10th Aug. 1880	100,000	66,000	31st "	
138	395	Teluchapuri Tea Association, Ltd. ...	6th Feb. 1880	50,000	48,500	31st "	
139	397	Kurnatuli Association, Ltd. ...	5th "	3,00,000	4,06,000	31st "	
140	398	Nehartoli Tea Co., Ltd. ...	14th "	1,00,000	1,30,000	31st "	
141	399	Hindu Union Bank, Ltd. ...	26th "	20,000	1,470	31st "	
142	400	Hupjan Tea Association, Ltd. ...	5th March "	70,000	70,000	31st "	
143	401	Dooars Loan Office, Ltd. ...	29th "	2,00,000	1,00,000	12th April "	
144	403	Goswary Jute Mills Co., Ltd. ...	5th July "	4,00,000	3,02,500	31st Jan. "	
145	405	Union Jute Co., Ltd. ...	5th Oct. "	0,00,000	0,75,000	31st Dec. "	
146	406	Sagmorah Tea Co., Ltd. ...	20th Jan. 1881	1,30,000	1,00,000	31st "	
147	410	Imatong Tea Co., Ltd. ...	7th Feb. "	5,00,000	2,00,000	31st "	
148	411	Phongah Trading Co., Ltd. ...	7th "	20,000	11,125	15th April "	
149	412	Goomtee Tea Co., Ltd. ...	8th March "	80,000	80,000	31st Dec. "	
150	413	Sungma Tea Co., Ltd. ...	30th "	1,30,000	1,17,000	31st "	
151	414	Khomong Tea Co., Ltd. ...	12th April "	3,25,000	3,25,000	31st "	
152	415	Bengal Silk Co., Ltd. ...	20th June "	8,00,000	8,50,000	31st Oct. 1883	
153	416	Gangadool Co., Ltd. ...	18th July "	30,000	7,900	12th April 1882	
154	417	Chenra Tea Co., Ltd. ...	27th "	1,60,000	1,60,000	31st Dec. 1882	
155	418	Sydney Loan Co., Ltd. ...	13th Aug. "	20,000	5,300	15th July 1883	
156	420	United Press Co., Ltd. ...	20th Sept. "	2,40,000	1,40,000	31st Jan. "	
157	421	Indian Kerosene Oil Co., Ltd. ...	14th Oct. "	10,00,000	10,00,000	31st Dec. 1883	
158	423	New Opera House Co., Ltd. ...	10th Jan. 1882	15,000	12,000	31st Dec. 1883	
159	424	Jestima Valley Tea Co., Ltd. ...	10th "	1,00,000	1,00,000	31st "	
160	425	Jeoghar Railway Co., Ltd. ...	20th "	2,75,000	2,75,000	31st "	
161	426	W. Newman & Co., Ltd. ...	11th Feb. "	3,50,000	3,50,200	30th June "	
162	427	Rungtatee Tea Co., Ltd. ...	15th "	3,50,000	3,50,000	31st Dec. "	
163	428	Lower Darjeeling Tea Co., Ltd. ...	24th "	1,10,000	1,10,000	31st "	
164	429	Alipore Coal Co., Ltd. ...	3rd March "	1,50,000	1,50,000	31st "	
165	430	Hoghly River and Coasting Steam Navigation Co., Ltd. ...	7th "	2,20,000	2,10,000	25th Feb. "	
166	431	Bamthara Tea Co., Ltd. ...	14th March 1882	1,00,000	1,00,000	31st Dec. 1883	
167	432	Tager Tea Co., Ltd. ...	21st "	5,00,000	5,00,000	31st "	
168	433	Jin, dau Tea Co., Ltd. ...	22nd "	1,00,000	1,00,000	31st "	
169	435	T. F. Brown & Co., Ltd. ...	5th April "	7,00,000	7,00,000	31st "	
170	436	Shah Ali Ahmed & Co., Ltd. ...	11th "	1,00,000	1,00,000	31st Dec. 1883	
171	437	Ellenbarce Tea Co., Ltd. ...	25th "	1,20,000	1,20,000	31st Dec. "	
172	438	Bengal Surveying Co., Ltd. ...	27th "	20,000	20,380	30th April "	
173	439	Northern Bengal Railway Co-operative Supply Association, Ltd. ...	30th May "	8,000	8,000	31st Dec. "	
174	440	Co-operative Pharmacy Co., Ltd. ...	31st "	50,000	7,000	30th June "	
175	441	Rancegunge Ice Manufacturing Co., Ltd. ...	5th July "	60,000	20,000	31st Dec. "	
176	442	Messal Tea Co., Ltd. ...	5th "	2,50,000	2,50,000	30th Nov. 1882	
177	443	Campdown Pressing Co., Ltd. ...	25th "	5,00,000	4,00,000	31st Jan. 1884	
178	444	Tingting Paper Mills Co., Ltd. ...	28th "	6,00,000	4,70,000	31st July 1883	
179	445	Imperial Ice Co., Ltd. ...	18th Aug. "	2,00,000	2,00,000	31st "	
180	446	Orissa Coasting Steam Navigation Co., Ltd. ...	24th "	4,00,000	2,00,475	31st "	
181	447	Kamptee Gwallia Tea Co., Ltd. ...	6th Sept. "	2,20,000	2,11,000	30th Nov. 1882	
182	448	Pasook Tea Co., Ltd. ...	6th "	2,00,000	2,19,520	31st Dec. "	
183	449	Gobra Tannery Co., Ltd. ...	9th "	1,00,000	1,50,000	31st "	
184	450	Calcutta Tanning Co., Ltd. ...	14th "	2,00,000	2,00,000	31st Dec. 1883	
185	451	Hoschity Mills Co., Ltd. ...	21st "	15,00,000	7,42,740	31st Dec. 1883	
186	452	Northern Dooars Tea Co., Ltd. ...	26th "	1,75,000	1,75,000	31st Dec. 1883	
187	453	Northern Bengal Tea Corporation, Ltd. ...	28th "	1,00,000	28,007	31st Dec. 1883	
188	454	Bengal Rice Mills Association, Ltd. ...	17th Oct. "	10,00,000	4,01,000	31st Oct. "	
189	455	Calcutta Steam Navigation Co., Ltd. ...	8th Nov. "	6,00,000	6,10,000	31st Dec. "	
190	457	Glencoe Tea Co., Ltd. ...	20th "	75,000	75,000	31st Dec. "	

* Since reduced.

Serial number.	Register number borne by each company.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid of capital.	Date of last balance sheet filed.	REMARKS.
				Rs.	Rs.		
191	453	Gurjang Jhora Tea Co., Ltd. ...	2nd Dec.	50,000	17,005	31st Dec.	1883
192	459	Subiguri Tea Co., Ltd. ...	2nd "	1,00,000	.....	.....	.....
193	460	Phonibaree Tea Co., Ltd. ...	20th "	5,12,000	5,12,000	31st Dec.	1883
194	461	Kankunarah Co., Ltd. ...	30th "	14,00,000	3,84,175	31st "	"
195	463	Darjeeling and Kurseong Hotel and Trading Co., Ltd.	2nd Feb. 1883	2,50,000	.....	.....	.....
196	464	Ragracote Tea Co., Ltd. ...	17th "	4,00,000	3,52,250	31st Dec.	1883
197	465	Inland Pottilla Co., Ltd. ...	17th "	50,00,000	6,25,000	31st Oct.	"
198	466	Bainthorpe Tea Co., (Dooars), Ltd. ...	19th "	75,000	20,050	31st Dec.	"
199	467	Chota Nagpore Banking Association, Ltd.	31st "	20,000	3,297	31st "	"
200	468	Needem Tea Co., Ltd. ...	1st March	2,00,000	1,50,000	31st "	"
201	469	Harisal Trading Co., Ltd. ...	12th "	20,000	735	18th Aug.	"
202	470	Bengal Telephone Co., Ltd. ...	14th "	10,00,000	5,79,500	31st Dec.	"
203	471	Jheel Press Co., Ltd. ...	14th May	1,50,000	.....	.....	.....
204	472	Calcutta Trading Co., Ltd. ...	19th June	50,000	.....	.....	.....
205	473	Agra Pressing Co., Ltd. ...	30th "	1,50,000	.....	.....	.....
206	474	Bor Pukhuri Tea Co., Ltd. ...	11th July	1,50,000	.....	.....	.....
207	475	Gyabaree Tea Co., Ltd. ...	12th "	2,00,000	74,172	31st Dec.	1883
208	476	Second Pallodhi Tea Co., Ltd. ...	12th "	2,00,000	2,00,000	31st "	"
209	477	Arracan Petroleum Oil Co., Ltd.	14th "	4,00,000	.....	.....	.....
210	478	Puhua Bank, Ltd. ...	8th Aug.	20,000	.....	.....	.....
211	479	Mohurgong Tea Co., Ltd. ...	9th "	1,50,000	1,50,000	31st Dec.	1883
212	480	India Pressing Co., Ltd. ...	13th "	1,50,000	.....	.....	.....
213	481	Crystal Ice Supply Co., Ltd. ...	14th "	2,00,000	50,850	31st Dec.	1883
214	482	Debrugharh Stores Co., Ltd. ...	16th "	10,000	.....	.....	.....
215	483	Ganges Steam Tug Co., Ltd. ...	28th "	7,00,000	.....	.....	.....
216	484	Kishoregunge Loan Office, Ltd.	19th Sept.	20,000	.....	.....	.....
217	485	Chumpta Tea Co., Ltd. ...	2nd Nov.	1,50,000	.....	.....	.....
218	486	Bargong Tea Co., Ltd. ...	28th "	1,50,000	.....	.....	.....
219	487	Calcutta Steam Laundry Co., Ltd.	15th Dec.	50,000	.....	.....	.....
220	488	New Indian Portland Cement Co., Ltd.	4th Jan. 1884	4,50,000	.....	.....	.....
221	489	Binary Ice Machine Agency, Ltd.	12th "	50,000	.....	.....	.....
222	490	Deochur Mining Co., Ltd. ...	18th "	24,00,000	.....	.....	.....
223	491	Ramree Oil Prospecting Co., Ltd. ...	6th Feb.	35,000	.....	.....	.....
224	492	Tarkessur Railway Co., Ltd. ...	18th "	18,50,000	.....	.....	.....
225	493	Castle Distillery and Brewery Co., Ltd.	6th March	2,00,000	.....	.....	.....
226	494	Matelli Tea Co., Ltd. ...	27th "	1,00,000	.....	.....	.....
				11,23,54,500	8,47,12,467		

No. IX.

Statement shewing the register number and names of companies that have reduced their capital during the year ending 31st March 1884.

Number on this List.	Register number borne by each company.	DATE OF REGISTRATION.	Amount of original capital.	Names of companies.	Date of reduction.	Amount of capital reduced.	REMARKS.
			Rs.			Rs.	
1	397	5th February 1880	6,00,000	Karnafull Association, Ltd. ...	14th March 1884	2,40,000	

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 12th July 1884.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
Western Districts.			
BURDWAN DIV.	1 Burdwan, July 12 '84	0.51	Weather—Rainfall scanty for the season. Prospects of crops still doubtful owing to insufficiency of rainfall. The weather, however, now shows signs of improvement. Price of rice has been showing a tendency to rise, the average price being about 15½ seers for the rupee. Health generally good.
	Culna	0.58	
	Cutwa	0.56	
	Raneegunge	2.24	Weather—sultry and variable with slight showers of rain. Much more rain wanted for agricultural operations in the tracts near the Damuda river. Price of rice rising slightly in some places. General health good.
	2 Bankoora, " 12	2.55	
	Hishenpore	2.21	
	Mahara	0.48	Weather—cloudy; latter part of the week rainy. Prospects of crops improved, but the want of sufficient rain has impeded the transplanting of <i>aus</i> and <i>amun</i> crops. Prices stationary. A few cases of cholera reported. Health otherwise good.
	3 Boerbhoom, " 12	1.56	
	Rampore Haut	3.04	
	1.08	Weather—cloudy, with occasional showers of rain. Cultivation of paddy going on. Public health good.	
4 Midnapore, " 12	3.36		
5 Hooghly, " 12	1.55		
Jehanabad	1.09	Weather—hot, with showers of rain. Transplanting of paddy has been retarded for want of rain. Public health fair. Prices steady.	
Serampore	1.94		
Howrah, " 14	0.88		
Oolcoberiah	2.75	Weather—Sunshine and showers of rain alternately—most favourable to standing crops. Transplanting of <i>amun</i> paddy continues. Early paddy, jute, and sugar-cane looking remarkably well. Prices stationary. Public health good.	
Central Districts.			
6 24 Pergunnahs July 14	1.65		Weather—hot and cloudy. Prospects of <i>aus</i> , sugarcane and jute good. Transplanting of <i>amun</i> paddy going on. Public health good. Cattle-disease prevails in the Basirhat and Diamond Harbour sub-divisions.
7 Nuddea, " 12	2.02	Weather—cloudy and sultry. Prospects of crops doing well. Public health generally good.	
Kooshtea	1.15		
Choodanga	3.04		
Meherpore	0.37	Weather—seasonable. Transplanting of paddy going on. Health good.	
8 Khoolua, " 12	1.06		
9 Jessore, " 12	1.48		
Jhenida	3.51	Weather—hot, with occasional showers of rain. Prospects of paddy continue favourable. Health good.	
Narail	1.28		
Bongong	.21		
10 Moorshedabad, " 12	.58	Weather—rain on two days, of the week though little rain has fallen in the sub-divisions. Easterly winds and sky clearing. Rain still wanted for transplanting, especially in the west of the district. <i>Bhadai</i> crops on low lands in ear. Indigo jute and sugarcane doing well. Public health good.	
11 Dinagepore, July 11 '84	2.25		
12 Rajshahye, " 12	3.54		
Nattore	2.90	Weather—warm and showery. <i>Bhadai</i> crops, jute, and sugarcane doing well. Ploughing for <i>amun</i> still going on. Rice selling at from 13 to 16 seers per rupee.	
Nowgong	0.25		
13 Rangpore, " 12	3.20		
Nilphamari	3.13	Weather—hot and cloudy, with occasional showers of rain. Prospects of standing crops generally good. Health fair.	
Kurigram	5.72		
Gaibanda	2.39		
14 Bogra, " 12	7.17	Weather—very hot with little rain. Transplanting of <i>amun</i> paddy progressing. <i>Aus</i> and <i>cheena</i> being cut. Prospects of other crops continue good. Public health fair.	
15 Pubna, " 11	.95		
16 Darjeeling, " 12	0.94		
17 Julpigoree, " 12	10.32	Weather—very hot and close. State and prospects of crops continue to be good. Public health fair.	
Eastern Districts.			
18 Dacca, July 12 '84	13.41		
Manickgunge	1.91	Weather—hot, with occasional showers of rain. Harvesting of <i>aus</i> nearly completed and that of jute going on. Sugarcane thriving. <i>Amun</i> being transplanted. Lands being cultivated for <i>roachia</i> paddy. Prospects of crops good. Public health continues good.	
Moonsheegunge	.93		
Naraingunge	2.62		
19 Furreedpore, " 12	.89	Weather—very hot and generally dry, more rain wanted. State and prospects of crops good. Some <i>aus</i> being cut, and <i>amun</i> , sugarcane, jute, &c., doing well. Public health pretty good.	
Goulundo	.43		
Madaripore	2.04		
20 Backergunge, " 10	1.65	Weather—seasonable. Prospects of crops good. Cultivation for <i>amun</i> crops going on. Public health good.	
21 Mymensingh, " 11	4.22		
Jamulpore	2.05		
Kishoregunge	2.81	Weather—warmer; moderate showers of rain fell generally. Standing crops doing well. <i>Amun</i> paddy being transplanted. Jute being cut.	
Attea	2.29		
Netrokona	3.13		
		2.92	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—conold.			
Eastern Districts—conold.			
CHITTAGONG DIV.	22 Chittagong, July 12 '84	8.3	Weather—fine, with occasional showers of rain. <i>Amun</i> paddy being sown. Prospects of crops good. Prices stationary. Cholera and cattle-disease continue.
	23 Noakholly, " 10 "	7.81	Weather—sultry and rainy. <i>Amun</i> paddy coming into ear. Transplanting of <i>amun</i> paddy continues. Public health good.
	24 Tipperah, " 11 "	7.88	Weather—heavy rain fell during the week. Prospects of crops doing well. Public health good.
	Brahmunberiah " "	2.90	
	Chandpore " "	8.35	
	25 Chittagong Hill Tracts, " 8 "	8.72	Weather—seasonable. Paddy and cotton plants doing very well in <i>jums</i> . <i>Amun</i> paddy ripening. Lands being prepared for <i>amun</i> . Prospects of sugarcane good.
	Hill Tipperah " 9 "	8.61	Weather—rainy. Paddy looks well. Sugarcane and jute doing well. Prospects of crops in <i>jums</i> fair. Public health good.
BEHAR.			
PARSA DIV.	26 Patna, July 12 '84	4.70	Weather—hot and cloudy. Transplanting of <i>bhadoi</i> crops going on vigorously. Rainfall was sufficient except in the south, where it has been scanty. Paddy seedlings doing well. Cholera still reported from the Behar sub-division.
	27 Gya, " 12 "	2.97	Weather—changeable with frequent showers of rain. Prospects of crops fairly favourable.
	28 Shahabad, " 12 "	5.29	Weather—cloudy and generally wet at the Sudder sub-division. <i>Bhadoi</i> crops germinating fairly and sowing advanced considerably during the week. Early maize has come into market.
	Buxar " "	3.07	
	Bhabua " "	1.74	
	Sascerum " "	1.79	
	29 Darbhanga, " 12 "	2.25	Weather—frequently cloudy, sometimes very hot and close. <i>Makai</i> looks very promising. <i>Murwa</i> still being transplanted. Weeding operations progressing satisfactorily. Transplanting of paddy commenced. Indigo manufacture going on. Prices falling. Public health good.
	Madhubani " "	4.19	
	Tajpur " "	4.16	
	30 Mozufferpore, " 12 "	1.60	Weather—showery, sky heavily clouded and strong winds prevailed at the close of the week. Condition of crops favourable. A break in the rains would do good in the Hajipore sub-division. Public health good.
BHAGALPORE DIV.	Hajipore " "	9.71	
	Shamathi " "	7.81	
	31 Saran, " 12 "	5.98	Weather—cloudy and sunny alternately. Rain general. Break in the rains most desirable for weeding operations. Manufacture of indigo going on. General prospects of crops good. Prices falling. Public health good.
	Sewan " "	8.85	
	Gopalgunge " "	9.02	
	32 Chumparun, " 12 "	7.20	Weather—seasonable. Heavy rain fell throughout the district. Prospects of crops continue favourable. Transplanting of paddy in progress. Public health fair.
	33 Monghyr, July 12 '84	2.62	Weather—rainy and sunny alternately. Prospects of crops (<i>bhadoi</i> and <i>aghani</i>) continue remarkably good. Public health good.
	Begusarai " "	2.11	
	Jamui " "	2.81	
	34 Bhagalpore, " 12 "	1.60	Weather—cloudy, easterly winds prevail. Standing crops doing well, but more rain much wanted in the south of the district.
BHAGALPORE DIV.	Sonepore " "	5.27	
	Banka " "	.50	
	35 Turnesb, " 12 "	7.90	Weather—rain and sunshine alternately. <i>Bhadoi</i> crops promise well. Cultivation of <i>aghani</i> going on. Health fair.
	36 Maldab, " 12 "	0.50	Weather—changeable. Prospects of crops favourable, but more rain wanted. Prices of food-grains fallen slightly. Public health generally good.
	37 Sonthal Perga, " 12 "	1.92	Weather—rain has been pretty general, but strong easterly winds, have prevented a very heavy fall. More rain wanted for transplanting operations in Deoghur and Jantara. Prospects of standing crops very favourable. Indian-corn promises to be exceptionally well.
	Deoghur " "	.56	
	Gonda " "	1.15	
ORISSA.	Rajmehal " "	2.12	
	Pakour " "	1.01	
	Jaratara " "	1.94	
	38 Cuttack, July 11 '84	1.95	Weather—cloudy and seasonable. Young plants of <i>beali</i> and <i>sarad</i> crops growing well. There was sufficient rain last week which has benefited standing crops. Common rice selling at from 16 to 20 seers per rupee in the town and at from 20 to 24 seers in the interior. Scattered cases of cholera reported from some parts of the Kendrapara sub-division. Public health otherwise good.
SINGH DIV.	39 Pooree, " 10 "	.80	Weather—cloudy, with occasional showers of rain. Puddling and transplanting going on. <i>Beali</i> being weeded. Miscellaneous crops thriving well. Embankments have been breached in some places. Sporadic cases of cholera reported. Common rice selling at an average price of 23 seers per rupee.
	40 Balasore, " 11 "	.76	Weather—cloudy, with slight showers of rain. Paddy thriving well. Prospects of crops continue good. Cholera decreasing.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hasaribagh, July 11 '84	2.54	Ploughing and sowing going on. Prices of food-grains continue high. Cholera and cattle-disease decreased. Small-pox still reported from certain places; otherwise public health good.
42	Lohardugga, " 13 "	2.19	Weather—seasonable; rain fell throughout the week. Agricultural operations progressing everywhere. Prices of food-grains stationary. Public health good.
	Palamow, ...	2.37	
43	Singbhoom, " 11 "	2.88	Weather—seasonable; rain fell everywhere. Prospects of crops very favourable. Sowings of paddy completed. Transplanting progressing rapidly. General health good.
44	Manbhoom, " 13 "	1.50	Weather—the rain hitherto has been neither heavy nor continuous. There has been enough for cultivation in Purulia, but in other parts, especially in Govindpore, want of rain is complained of. Ploughing continues. Paddy on high lands and other autumn crops look well. Transplanting of winter paddy begun in places. Coarse rice sold on the 12th instant in the Purulia market at 19½ seers per rupee. Small-pox and cholera reported.
	Govindpore, ...	0.79	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

The 15th July 1884.

COLMAN MACAULAY,

Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th July 1884.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 53 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1884.				Inches.	°	°	°	°	°	Inches.	°	%			Inches.	
July	6th	158.4	5.5	29.543	84.9	89.6	9.3	80.2	81.0	1.007	79.4	84	SSW and SW ...	198	Nil	Chiefly cloudy, o.
"	7th	152.7	7.0	29.513	86.2	89.6	9.8	79.7	80.8	0.996	79.1	82	SSW and S by W ...	140	"	Chiefly cloudy.
"	8th	160.2	9.0	29.441	85.7	92.0	12.3	79.7	81.6	1.020	79.8	83	S by W and W ...	76	0.68	Chiefly cloudy, o, k, p, t, <.
"	9th	155.0	8.5	29.407	85.0	92.2	12.0	80.2	81.3	1.012	79.0	83	W and E by N ...	111	0.13	Chiefly cloudy, p, d.
"	10th	140.6	2.3	29.346	83.3	91.0	11.1	79.9	79.7	0.969	78.2	86	ENE and SE ...	135	0.36	Cloudy, o, k, t, p, d, <.
"	11th	120.6	0.6	29.442	81.6	84.1	5.0	78.5	78.7	0.942	77.4	87	SE and SSE ...	210	0.61	Cloudy, o, p, d.
"	12th	149.6	2.8	29.551	82.2	90.0	9.1	77.5	79.2	0.969	78.0	87	SSK and S ...	176	0.19	Cloudy, o, d, p.

The mean pressure of the seven days ...

The average pressure of the corresponding period for 24 years, S. G.'s Office ...

The total number of hours of bright sunshine ...

The maximum possible number of hours of sunshine ...

The mean temperature of the seven days ...

The average temperature of the corresponding period for 24 years, S. G.'s Office ...

The extreme variation of temperature ...

The maximum temperature ...

The highest velocity of the wind in one hour ...

The highest pressure of the wind on one square foot ...

The mean relative humidity ...

The average relative humidity of the corresponding period for 24 years, S. G.'s Office ...

The total fall of rain from 6th to 12th July 1884 ...

The average fall of the corresponding period for 24 years, S. G.'s Office ...

The total fall from 1st January to 12th July 1884 ...

The average fall of the corresponding period for 24 years, S. G.'s Office ...

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, p passing temporary showers, t thunder, d drizzling rain, < lightning.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
Calcutta, the 14th July 1884.

For Meteorological Reporter to the Government of India

Meteorological Report of the Province of

METEOROLOGICAL DIVISION.	DISTRICT.	Representative stations.	STATION OBSERVATIONS.														
			AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.		
			Highest, 10 A.M., barometer reading of month.	Lowest, 10 A.M., barometer reading of month.	Mean, 10 A.M., for month.	Mean reduced to sea-level.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mean cloud amount, 10 A.M.	Variation from normal mean, 10 A.M.	Rainfall.
ORIGINAL.	Pooree	Gopalpore	29'660	29'477	29'508	29'648	—	88'0	78'8	85'0	81'3	83'5	—	62	—	0'0	7'41
	Pooree	Paine Point	29'741	29'509	29'623	29'644	+0'00	93'0	73'1	80'3	79'4	84'9	-0'0	76	-0	0'0	8'20
	Cuttack	Cuttack	29'638	29'433	29'537	29'637	+0'17	100'0	73'8	87'0	79'0	88'3	+0'2	65	-0	7'0	15'83
	Balasore	Balasore	29'701	29'453	29'578	29'630	—	102'4	69'0	91'4	77'7	84'6	—	75	—	7'4	16'53
SOUTH-WEST BENGAL.	South-West Midnapore and South 24-Pergunnahs.	Saugor Island	29'710	29'506	29'618	29'643	+0'10	93'2	70'5	80'3	80'3	85'3	-0'1	50	-3	8'1	14'24
	Midnapore	Midnapore	29'619	29'414	29'494	29'643	—	102'3	71'2	94'1	77'0	85'6	—	70	—	4'8	6'89
	24-Pergunnahs, Howrah, and Hooghly.	Calcutta	29'761	29'525	29'620	29'647	+0'33	94'0	70'2	90'4	76'7	83'0	-1'2	79	-6	0'0	12'28
	Burdwan	Burdwan	29'634	29'471	29'548	29'647	+0'07	100'7	68'4	93'1	77'3	85'2	-1'0	72	-6	7'2	8'37
SOUTH-WEST BENGAL.	West Burdwan, Bankura, and Beerbhoom.	Raniganj	29'381	29'221	29'301	—	—	105'0	60'0	90'0	75'0	85'8	—	60	—	5'2	6'21
	Moorsheadabad	Berhampore	29'671	29'603	29'589	29'655	+0'46	101'2	67'4	89'8	76'1	82'9	-3'8	82	+1	8'8	8'76
	Nuddea	—	—	—	—	—	—	Observatory not started.									
	Jessore and Khoolna	Jessore	29'707	29'534	29'627	29'650	+0'32	95'8	69'0	89'2	76'0	82'9	-2'1	82	0	8'8	22'28
EAST BENGAL.	Chittagong	Chittagong	29'757	29'522	29'640	29'733	+0'40	88'1	68'0	83'0	74'3	79'1	-2'8	83	-2	6'0	23'52
	Chittagong Hill Tracts	Demagri	—	—	—	—	—	90'2	68'4	84'0	68'0	76'5	—	—	—	7'0	23'46
	Backergunj	Barrisal	29'769	29'560	29'670	—	—	87'6	67'0	84'5	74'9	79'7	—	80	—	6'8	20'08
	Noakhully	Noakhully	29'805	29'570	29'685	29'739	—	88'5	68'3	85'3	75'1	80'2	—	82	-1	4'6	14'21
EAST BENGAL.	Furreedpore	Furreedpore	29'749	29'547	29'646	—	—	88'0	61'0	88'0	73'0	80'6	—	79	—	0'2	12'04
	Dacca	Dacca	29'745	29'562	29'654	29'680	+0'55	91'8	70'1	87'7	76'2	82'0	-1'7	82	-5	7'4	11'39
	Comillah	Comillah	29'760	29'561	29'673	29'700	—	90'4	68'8	80'3	73'0	80'0	—	83	—	5'6	10'08
	Mymensingh	Mymensingh	29'701	29'528	29'627	—	—	91'8	60'1	87'9	74'0	81'0	—	83	—	3'2	21'07
NORTH BENGAL.	Bogra and Pubna	Serajgunj	29'719	29'533	29'632	29'679	—	90'9	68'7	86'6	74'9	80'8	—	80	—	0'8	10'19
	Rajshahye	Rampore Beaulah.	29'653	29'442	29'558	29'631	—	94'0	60'7	89'0	74'7	81'3	—	79	—	4'3	8'74
	Dinagore	Dinagore	29'587	29'380	29'480	29'600	—	92'6	70'2	88'8	74'9	81'0	—	79	—	5'3	12'28
	Rungpore	Rungpore	29'663	29'522	29'594	29'680	—	88'5	67'6	87'8	74'1	81'0	—	83	—	7'0	15'25
NORTH BENGAL.	Julpigoree and Cooch Behar.	Julpigoree	29'620	29'373	29'442	29'720	—	91'0	60'1	87'7	73'8	80'8	—	75	—	6'1	21'03
	Darjeeling H. Tracts	Darjeeling	22'963	22'855	22'906	—	—	70'5	48'1	62'3	51'4	56'0	—	92	—	9'0	20'91
	Purneah and North Bimgulpore.	Purneah	29'608	29'438	29'520	29'635	+0'42	96'2	67'0	88'0	72'2	80'1	-2'2	80	+1	8'1	8'18
	Mozufferpore	Mozufferpore	—	—	29'439	—	—	—	—	83'4	76'8	85'1	—	78	—	5'8	6'35
NORTH BENGAL.	Mozufferpore and Durbhunga.	Durbhunga	29'569	29'369	29'478	29'645	+0'57	95'9	70'5	91'0	77'2	84'4	-1'3	80	+3	4'3	4'50
	Chumparum	Motihari	29'545	29'310	29'404	29'630	—	96'2	68'3	82'7	75'6	84'2	—	71	—	4'5	10'76
	Sarun	Chupra	29'409	29'318	29'438	—	—	104'0	70'0	95'4	77'2	86'4	—	75	—	4'7	7'10
	Dohree	Dohree	29'336	29'107	29'240	29'593	—	108'5	71'0	94'0	79'8	86'0	—	67	—	8'8	1'53
SOUTH BENGAL.	Shahabad	Buxar	29'443	29'236	29'304	29'604	—	106'9	72'8	95'0	79'1	87'0	—	61	—	4'4	4'61
	Arrah	Arrah	29'483	29'277	29'380	29'590	—	107'4	70'0	95'0	78'4	87'2	—	68	—	3'3	4'00
	Gya	Gya	29'291	29'091	29'193	29'584	-0'02	114'2	68'3	100'7	74'9	87'8	-1'3	52	-9	6'7	3'97
	Patna	Bankipore	29'561	29'332	29'447	29'629	+0'46	103'5	69'2	94'2	77'7	86'0	-3'4	70	+6	5'2	7'08
SOUTH BENGAL.	South Bhagulpore and Monghyr.	Bhagulpore	29'535	29'371	29'456	29'617	—	98'4	67'5	80'9	76'0	83'4	—	75	—	3'7	15'84
	Sonthal Pergunnahs	Naya Doomka	29'214	29'030	29'132	—	—	103'2	67'4	92'3	76'3	84'4	—	81	—	4'7	8'06
	Hasaribagh	Hasaribagh	27'705	27'515	27'631	29'891	+0'23	105'2	68'2	93'5	75'5	84'5	+0'6	55	-11	7'1	6'36
	Lohardugga and Manbhoom.	Ranchhet	27'003	27'429	27'524	29'608	—	104'4	45'7	91'9	73'5	83'9	—	60	—	4'7	9'06
CHUTTA NAG-PUR.	Singbhoom	Chaitassa	28'086	28'763	28'847	—	—	109'8	73'2	98'0	79'8	88'3	—	60	—	4'6	0'12

* Mean for 24 days.

Bengal for the month of June 1884.

DISTRICT OBSERVATIONS.										Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.												
Of month.					Since 15th May 1884.							
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.			
8.06	9.57	-1.51	13.0	11.5	8.06	11.53	-3.47	13.3	15.3	Gopalpore ...	Pooros ...	ORISSA.
11.58	9.18	+2.40	13.3	10.9	11.58	11.31	+0.27	13.3	15.3	False Point ...	Cuttack ...	
12.93	7.98	+4.94	10.0	11.7	13.00	10.30	+2.70	10.2	10.6	Cuttack ...	Cuttack ...	
14.12	9.73	+4.39	17.3	13.9	14.42	12.35	+2.07	18.3	14.0	Balasore ...	Balasore ...	
6.58	9.42	-2.84	10.7	12.7	7.57	11.69	-4.12	12.0	10.8	Saugor Island ...	South-West Midnapore and South 24-Pergunnahs.	SOUTH-WEST BENGAL.
11.19	9.98	+1.21	15.5	15.8	12.15	12.88	-0.73	17.0	21.4	Midnapore ...	Midnapore ...	
9.75	9.02	+0.73	12.3	13.3	11.08	11.40	-0.32	15.0	18.1	Calcutta ...	24-Pergunnahs, Howrah, and Hooghly.	
6.31	11.01	-4.70	12.2	15.2	7.50	12.70	-5.20	15.0	19.5	Burdwan ...	Burdwan ...	
7.74	9.45	-1.71	13.0	13.5	9.92	12.00	-2.17	13.3	17.9	Ranggunj ...	West Burdwan, Bankoora, and Beerbhoom.	SOUTH-WEST BENGAL.
10.20	10.07	+0.13	15.3	14.3	11.83	13.62	-1.79	18.6	10.4	Berhampore ...	Moorshedabad ...	
16.66	12.44	+4.22	17.0	17.3	10.13	15.95	+3.18	20.3	23.4	Nudda ...	Nudda ...	
26.58	30.43	-1.85	21.0	21.3	37.32	35.07	+1.38	24.5	27.8	Jessore ...	Jessore and Khoolna ...	
30.10	10.51	+19.59	22.0	21.7	30.10	23.88	+6.22	23.5	29.0	Chittagong ...	Chittagong ...	EAST BENGAL.
23.08	20.37	+2.71	22.0	20.7	25.17	24.63	+0.54	25.8	23.4	Chittagong Hill Tracts	Chittagong Hill Tracts	
21.97	20.34	+1.63	18.5	10.9	20.15	34.89	-14.74	23.5	27.5	Demagiri ...	Demagiri ...	
12.39	12.54	-0.15	15.0	18.0	16.57	17.11	-0.54	10.3	24.2	Barrisal ...	Backergunj ...	
18.66	12.80	+5.86	18.0	17.7	17.40	16.92	+0.48	25.3	23.8	Nonkholly ...	Nonkholly ...	EAST BENGAL.
18.27	17.86	+0.41	16.3	20.1	23.09	22.08	+1.01	23.3	27.0	Furroadpore ...	Furroadpore ...	
16.73	15.37	+1.36	17.8	19.0	22.71	21.56	+1.15	24.5	25.0	Dacca ...	Dacca ...	
10.28	12.00	-1.72	11.8	15.3	14.20	10.95	+3.25	17.0	20.0	Commillah ...	Commillah ...	
10.50	10.45	+0.05	15.3	14.5	13.25	18.25	-5.00	21.3	19.1	Mymensingh ...	Mymensingh ...	NORTH BENGAL.
12.40	15.00	-2.60	14.8	15.4	10.68	17.78	-7.10	20.1	10.3	Sarajgunj ...	Bogra and Pabna ...	
16.10	21.18	-5.08	16.0	17.4	22.01	27.75	-5.74	25.5	24.0	Rampore Beaulah.	Rajshahye ...	
25.78	31.00	-5.22	20.2	22.8	40.52	40.90	-0.38	31.8	31.5	Dinapore ...	Dinapore ...	
25.50	36.68	-11.18	25.5	24.3	30.86	45.43	-14.57	30.0	34.2	Rungpore ...	Rungpore ...	NORTH BENGAL.
9.80	11.91	-2.11	15.0	11.7	11.60	14.12	-2.52	17.0	14.8	Julpigoree ...	Julpigoree and Cooch Behar.	
7.54	7.81	-0.27	11.3	9.3	7.74	8.96	-1.22	12.0	11.3	Darjeeling ...	Darjeeling Hill Tracts...	
9.00	7.98	+1.02	12.3	9.0	9.50	9.25	+0.25	12.3	11.7	Purneah ...	Purneah and North Bhagulpore.	
5.30	6.83	-1.53	10.5	8.0	5.20	7.07	-1.87	10.5	10.0	Mozufferpore ...	Mozufferpore and Durbhanga.	NORTH BENGAL.
5.23	5.57	-0.34	9.8	9.2	3.22	6.09	-2.87	8.8	10.7	Durbhanga ...	Durbhanga ...	
5.48	5.82	-0.34	9.3	8.3	3.72	7.03	-3.31	10.3	11.7	Buxar ...	Shahabad ...	
6.11	6.76	-0.65	12.0	9.3	6.11	7.07	-0.96	12.0	10.0	Arrah ...	Arrah ...	
7.45	7.06	+0.39	10.4	10.8	7.52	8.39	-0.87	11.6	10.1	Gya ...	Gya ...	SOUTH BENGAL.
6.09	6.50	-0.41	12.8	13.3	7.98	11.18	-3.20	10.1	11.2	Bankipore ...	Patna ...	
6.54	8.19	-1.65	12.3	13.6	6.54	9.58	-3.04	12.3	13.0	Bhagulpore ...	South Bhagulpore and Monghyr.	
8.24	7.95	+0.29	13.3	13.7	8.22	9.26	-1.04	16.3	16.2	Naya Dooaka...	Sonthal Pergunnahs ...	
8.45	8.40	+0.05	17.0	16.1	8.43	10.67	-2.24	17.0	17.2	Hazaribagh ...	Hazaribagh ...	SOUTH BENGAL.
									17.1	Ranchee ...	Lohardunga and Manbhoom.	
									21.6	Chaibassa ...	Singbloom ...	CHUTTA NAGPUR.

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA	Pooree	Pooree	0'02	...	0'25	...	0'24	0'05	0'01	0'15	...	1'17	1'42	0'29
		Khurdah	0'00	...	0'05	0'10	...	0'53	...	0'80	0'01	...	0'34	0'05	0'47	1'01	0'28
		Bampur	0'50	...	0'09	0'17	0'07	0'02	0'80	0'12	...	0'22	1'15	0'43
		Fake Point	0'04	0'09	0'17	0'07	0'02	...	0'12	...	0'22	1'15	0'43
	Cuttack	Hookitola	0'10	0'04	...	0'12	0'18	0'13	...	0'12	...	0'23	0'23	0'40
		Jagatsinghpore	0'13	0'14	0'02	0'08	0'22	0'33	...	0'70	0'40	...	0'15	...	0'27	1'44	1'35	...
		Banki	0'08	...	0'21	0'11	...	0'23	...	1'42	...	0'02	...	1'71	0'03	0'25	0'30	0'43	0'07	0'23	0'23	0'40
		Cuttack	0'21	0'11	...	0'23	...	1'42	...	0'02	...	1'71	0'03	0'25	0'30	0'43	0'07	0'23	0'23	0'40
	Balasore	Kendrapara	0'28	0'68	0'10	...	0'10	2'06	1'11	...	0'74	0'40	...
		Jajpore	1'11	2'44	0'44	...
		Chandbali	2'23	0'03	0'10	0'17	0'34	...	0'08	...	0'28	2'05	0'60	0'08	0'33	0'29	...
		Roadruck	1'55	0'51	0'24	...	0'31	0'26	0'21	...	0'73	0'43	0'43	...
SOUTH-WEST	Midnapore	Sorah	0'72	...	0'60	0'33	0'40	0'30	...	0'73	0'45	0'45	...
		Balasore	0'06	0'24	0'60	0'20	0'19	1'09	...	0'30	1'20	0'20	...
		Jalinsore	0'02	0'06	...	3'35	1'10	...	1'75	0'65	0'04	0'32	0'75	...
		Baripodah
	24-Pergunnahs	Contai	0'03	0'57	...	0'20	0'55	...	0'47	0'10	0'08	0'37	0'50
		Sunder Island	0'25	0'39	...	1'47	0'44	...	0'20	0'13	0'44
		Tumlook	1'50	1'30	...	0'40	0'00	0'10	...
		Midnapore	0'81	...	0'37	0'26	...	0'64	0'12	...	0'16	0'10	...	0'06
	Howrah	Ghatat	1'44	1'38	0'52	...	0'06
		Diamond Harbour	0'57	...	1'10	0'04	...	0'83	0'62	0'09	0'20	0'03	...	0'22	0'33	0'02	...	0'81
		Ahmednagar	1'55	...	0'11	...	2'22	0'09	0'95	0'83	0'40	...	0'10	...	0'26	1'29	0'35
		Barrackpore	1'12	...	0'09	...	1'50	1'45	1'17	0'40	0'32	0'30	0'75
Hooghly	Dum-Dum	2'10	...	0'72	...	0'80	0'35	0'72	1'43	...	...	...	...	...	...	...	...	...	...	0'13	0'15
	Barnet	2'06	...	1'07	...	1'08	0'09	1'00	1'02	...	...	...	...	...	0'13	0'20	...	...	...	0'10	0'17
	Bueserhat	...	1'17	1'22	...	0'16	...	1'13	2'23	...	0'43	0'18	...	...	0'24	...	0'22	...	...	0'19	0'28
	Howrah	2'35	...	0'55	...	0'10	1'42	0'73	0'09	...	...	...	...	...	0'30	0'15	...	...	0'03	0'43	0'19
Burdwan	Moheserha	1'03	...	0'55	...	0'10	1'42	0'73	0'09	...	...	...	...	...	...	0'80	...	...	0'05	0'78	0'09
	(Jalibarihat)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sermulpore	3'20	...	0'72	...	1'08	...	1'51	1'15	...	...	...	...	...	0'04	0'24	...	0'16	...	0'50	0'94
	Hooghly	0'19	...	0'82	...	0'32	0'52	2'50	...	...	...	...	...	...	0'38	...	...	...	0'23	0'83	0'03
Bankura	Jalpaiguri	...	...	0'20	...	0'16	0'25	1'77	0'20	...	...	...	...	...	0'21	...	...	...	...	...	0'78
	Culina	0'80	...	1'03	...	0'47	...	0'41	1'23	...	0'70	...	...	...	...	2'00	0'88	...	...	...	0'81
	Burdwan	...	...	1'24	...	0'70	...	0'51	0'07	...	...	...	...	...	0'30	...	...	...	0'06	...	0'40
	Onawa	...	...	1'18	...	0'01	...	1'20	1'40	...	1'92	0'50	...	...	0'05	...	0'85	...	...	0'62	0'57
Beerbhoom	Ranogunge	...	...	...	...	0'80	0'03	0'24	...	...	...	...	...	...	...	0'10	0'74	...	0'11	1'01	0'75
	Bankura	...	...	0'10	...	0'10	0'75	0'55	...	...	...	...	...	...	...	0'20	...	1'55	...	...	0'40
	Bishenpore	0'19	...	...	...	...	...	1'20	...	...	...	...	...	...	0'12	...	1'25	...	...	0'16	0'09
	Mulana	...	...	0'20	...	...	...	1'23	...	...	...	...	...	...	...	...	...	...	...	0'18	...
Nuddea	Khata	...	...	...	...	0'67	...	...	...	...	...	...	...	...	...	1'43	1'08	...	0'45	0'10	0'50
	Bh. Soory	...	...	1'41	...	0'09	0'90	0'10	0'04	...	0'08	0'01	...	...	...	0'80	...	...	0'05	0'41	...
	Metampore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'50
	Hongong	0'70	0'20	0'00	...	0'40	...	0'70	1'35	...	0'55	0'50	...	...	...	1'71	...	...	...	0'00	...
Khoolna	Banachhat	0'00	...	1'50	...	1'05	...	0'45	...	1'40	0'09	...	...	...	...	...	2'90	1'00	...	...	0'05
	Kishinchur	...	0'01	...	...	0'56	0'34	0'61	0'38	...	0'02	0'07	...	0'16	...	0'77	...	...	0'41	...	0'31
	Choodanga	0'02	...	1'42	...	0'09	...	1'10	2'20	...	0'19	0'40	...	0'03	...	...	0'32	...	0'03	0'15	0'14
	Meherpore	1'00	...	1'02	...	0'54	...	...	1'90	0'17	0'04	...	...	0'70	1'13	0'05	0'08	...	0'24	0'07	
Jessoro	Koachira	1'25	...	0'60	...	0'05	...	0'24	1'40	0'03	0'43	0'08	...	0'07	...	0'35	...	0'04	...	0'03	0'11	
	Sattira	0'77	...	1'10	...	0'80	...	1'00	3'27	...	0'05	2'40	...	0'22	1'15	...	...	...	0'31	0'39	1'10
	Banachhat	0'64	0'30	...	...	0'18	0'23	0'75	1'07	0'17	...	2'24	...	...	0'13	...	...	...	0'15	0'38	0'33
	Khoolna	1'60	...	1'10	...	1'60	...	1'80	2'40	...	1'20	1'40	...	...	0'13	...	...	...	0'00	1'60	0'25
Moornbedabad	Narail	1'39	...	0'00	...	...	0'42	2'01	1'99	...	...	1'44	...	...	0'02	...	0'15	...	0'08	...	0'50
	Jessore	2'11	...	1'28	...	0'67	...	2'05	3'25	0'16	0'10	3'40	...	...	1'60	...	0'14	...	0'10	0'25	0'21
	Jhemdiah	0'60	...	0'76	...	...	0'35	1'03	2'17	...	0'36	0'09	...	0'34	...	...	...	...	0'44	0'10	0'40
	Masooran	0'87	0'00	...	...	1'30	...	1'37	1'22	0'19	...	0'50	...	1'60	...	...	1'05	0'02	0'06	0'22	1'00
Chittagong	Kandi	...	0'00	0'00	...	1'05	0'10	...	0'16	1'10	0'76	0'15	...	...	0'43	0'21	...	...	0'03	0'18	0'41
	Rampore Haul	...	...	1'71	...	0'72	0'07	...	...	0'50	1'30	...	...	...	0'24	0'03	...	...	...	0'22	0'35
	Herlampore	0'05	...	1'35	...	0'45	...	...	0'04	...	1'70	0'64	...	0'04	...	0'47	...	...	...	0'17	0'27
	Lalbagh	...	...	2'04	...	0'80	...	...	1'03	...	1'57	0'83	...	0'14	...	0'87	...	...	...	0'34	0'46
Chittagong Hill Tracts	Azamgunge	...	...	1'60	...	0'82	...	...	0'35	...	0'07	0'51	...	...	0'01	0'09	...	...	...	0'20	0'20
	Jungipore	...	...	2'06	...	1'23	...	...	...	...	0'12	0'45	0'50	...	0'15	0'07	...	...	...	...	0'07
	Lairois	...	...	2'05	...	1'35	...	...	0'35	...	1'75	0'62	...	...	0'05	1'91	...	0'10	...	...	...
	Cox's Bazar	2'48	5'05	1'74	1'60	...	0'32	1'42	1'82	0'13	...	1'02	...	0'41	...	0'01	...	...	0'10	0'11	0'23
Hackerpungo	Chittagong	1'81	1'72	0'71	0'00	...	0'15	0'35	1'88	0'07	...	1'90	...	1'23	...	...	0'05	0'71	0'57	1'70	...
	Rangamati	1'06	2'24	0'27	1'01	...	0'66	0'58	0'57	...	...	0'40	0'02	2'05	0'13	...	0'71	0'41	0'37	1'35	0'05
	Ruma	1'70	1'80	1'70	1'03	1'10	...	...	0'31	1'10	...	1'25	3'14	...	0'12	...	...	0'00	0'71	...	0'05
	Agartola	...	3'32	0'07	...	...	...	...	...	0'32	0'80	0'27	1'14	3'02	...	...	...	...	0'24	0'40	...
Noakholly	Patuakhally	1'10	0'20	1'40	...	2'20	0'75	1'10	3'20	...	0'25	1'80	0'10	...	0'10	...	...	0'50	...	3'80	0'50
	Ferozepore	1'36	0'85	0'33	...	0'83	...	0'39	1'75	1'88	2'45	0'58	...	...	0'35	0'27	...	...	0'08	3'17	...
	Burnisal	1'09	0'25	0'30	...	...	1'20	0'45	2'04	0'22	2'60	3'02	0'03	...	0'49	...	...	0'55	0'70	0'12	0'24
	Chola	1'18	0'52	0'61	0'01	0'24	...	0'42	1'90	...	1'08	3'05	1'13	...	0'80	...	0'81	1'14	0'30	0'92	0'33	
Furreedpore	Noakholly	1'37	2'00	0'07	...	0'08	...	0'44	0'75	...	...	0'20	0'09	0'03	0'04	...	...	1'83	...	0'00	...
	Fenny	2'30	2'80	0'30	0'00	...	1'25	...	0'07	...	...	1'90	2'03	0'20	0'40	...	...	1'30	...	0'20	0'07
	Madripore	...	...	0'61	1'83	...	1'60	0'43	...	...	1'17	...	1'43	...	...	...	...	0'70	...	...	0'03
	Furreedpore	0'50	...	1'47	...	1'47	0'08	0'87	3'21	...	...	0'18	0'02	0'47	0'41	...	0'73	...	...	...	0'37
Dacca	Goalundo	0'40	...	1'60	...	0'70	0'04	0'07	0'45	...	...	...	0'30	0'03	0'00	...	3'04	...	...	...	...
	Munshingunge	0'54	0'52	1'22	...	...	0'16	0'22	0'28	...	0'45	0'25	0'20	...	...	...	0'08	1'40	0'03	0'07	0'12
	Dacca	0'52	0'44	1'48	...	...	0'52	0'36	0'13	...	0'08	0'50	1'36	...	0'02	...	...	...	...	0'04	0'01
	Narainchunge	0'55	0'26	1'40	...	...														

Explanation—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left

In Bengal in June 1884.

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Maximum rainfall during the month.	Total rainfall from 1st January to 30th June 1884.	Average rainfall from 1st January to 30th June 1884.	Station.	District.	Meteorological division.
0.04	...	...	...	...	...	0.09	...	1.08	2.03	12	11.8	8.03	8.21	12.03	13.83	13.56	Pooroo, Khurdsh. Rampur, Palsi Point, Hookitola.	Pooroo	CHITTAGONG.
0.03	0.20	...	0.28	0.01	1.19	0.75	2.50	0.10	0.83	17	10.8	8.03	10.06	12.03	11.60	10.08	Jagatsingporo, Butki, Cuttack, Koudrasara, Jajpore.	Cuttack.	
0.02	...	...	0.20	0.50	...	2.30	1.50	2.00	1.23	16	8.8	12.34	7.92	2.36	14.01	12.83	Chandbali, Haudruck, Sorah, Balasore, J. Basara, Barbadah.	Balasore.	
0.05	0.15	...	0.01	0.01	1.55	0.06	...	...	...	21	11.5	17.21	8.22	4.25	22.08	18.05			
0.04	0.70	...	0.03	...	1.00	0.40	1.25	0.84	...	20	15.4	17.83	10.60	5.21	26.17	17.60			
0.00	3.25	0.34	0.01	...	...	...	...	...	...	10	8.8	7.45	8.83	2.66	0.63	15.24			
0.00	...	...	...	...	...	...	...	...	...	8	11.1	9.34	10.10	3.25	16.01	18.04			
0.00	0.35	...	0.31	0.17	0.54	0.44	0.70	...	...	19	9.8	12.25	8.85	3.33	10.57	6.20			
0.00	4.25	...	0.34	0.74	...	1.24	...	...	0.41	15	11.5	17.21	8.22	4.25	22.08	18.05			
1.79	0.82	...	...	0.40	0.80	0.60	...	...	0.80	14	10.9	10.55	0.56	1.95	14.08	16.00			
1.30	2.00	0.00	0.10	0.07	1.86	1.40	...	0.40	0.18	21	12.9	18.22	10.23	2.50	27.55	21.80			
1.60	1.20	...	...	...	1.30	...	...	0.15	0.06	11	0.7	6.14	7.45	1.00	8.20	16.27			
0.43	0.10	0.03	...	0.05	1.84	0.35	...	...	0.00	16	15.6	12.72	10.00	3.35	10.80	18.31			
7.84	3.11	0.03	0.04	0.23	0.14	...	0.00	0.00	0.04	18	11.1	14.44	11.22	7.84	22.36	20.11	Contal, Saugor Island, Tamluk, Midnapore, Ghatal.	Midnapore	SOUTH-WEST BENGAL.
4.12	5.42	...	...	...	0.21	0.11	0.20	0.14	0.05	15	14.0	14.39	11.50	0.42	21.74	20.03			
3.33	1.60	...	...	...	1.00	1.00	...	...	...	9	10.5	10.00	8.86	2.30	18.00	18.23			
0.07	0.13	0.22	0.11	...	0.24	0.20	0.03	...	0.89	16	13.0	3.01	10.00	0.81	12.42	20.00			
1.30	...	0.12	...	...	...	...	...	0.10	...	7	14.0	5.82	9.30	1.44	15.00	19.50			
2.30	3.04	0.34	...	...	1.38	0.23	...	0.31	0.40	19	15.0	13.56	10.14	3.04	23.78	21.07	Diamond Har. Har.	24-Pergunnahs.	
0.06	1.07	0.23	...	...	0.76	1.01	...	...	0.21	17	17.3	12.77	10.31	2.22	19.40	21.13	Alipore Jail, Barrackpore, Dam-Dam, Barisal, Bismarck.		
0.40	0.43	0.02	...	...	0.13	...	...	...	2.70	14	14.3	12.58	0.22	2.70	10.07	10.50			
0.00	1.05	0.10	0.02	...	0.22	0.60	...	0.12	0.80	16	10.5	10.53	10.05	2.40	10.00	20.72			
0.14	0.24	0.14	...	...	...	...	...	...	1.54	14	15.4	11.00	10.14	2.00	22.16	21.08			
0.70	1.87	2.25	0.12	0.25	...	0.14	...	...	0.28	18	14.7	13.03	10.08	2.25	20.88	27.47			
0.72	0.85	0.30	0.06	...	0.10	0.67	...	...	0.51	18	17.9	11.28	11.50	2.00	10.70	22.08	Howrah, Maharekha, (Chattaraj).	Howrah.	
1.04	0.81	0.25	0.40	...	0.38	0.01	0.14	...	0.05	18	14.7	10.32	9.30	1.90	20.16	20.35			
0.40	0.55	...	...	...	0.25	0.18	...	0.14	2.30	16	17.1	15.52	10.27	3.20	23.51	19.09	Strampore, Hooghly, Johanna.	Hooghly.	
0.17	0.04	...	...	...	...	...	...	...	2.00	12	16.1	8.41	10.30	2.60	16.40	22.55			
0.14	...	0.85	...	...	0.05	0.25	...	...	0.45	12	14.7	5.00	0.43	1.72	14.01	10.95			
0.44	1.15	...	...	...	...	...	...	...	0.31	12	10.9	10.32	8.72	2.00	17.28	18.53	Culna, Bardwan, Cutwa, Raneezunge.	Bardwan.	
0.10	0.32	0.58	...	...	...	...	...	...	0.05	11	10.1	4.58	0.80	1.23	12.03	10.00			
0.00	0.14	0.51	3.48	...	...	...	...	...	0.07	14	13.0	14.55	10.00	3.48	23.25	19.40			
...	0.50	...	...	...	0.13	...	...	...	...	12	14.1	5.53	0.43	1.01	11.43	15.02			
0.15	0.25	...	...	2.10	2.40	0.10	0.02	...	0.00	12	15.7	0.04	0.80	2.40	16.02	17.80	Bankura, Bishnupore, Malma, Khatra.	Bankura.	
0.07	0.00	0.10	0.09	...	0.11	0.10	0.01	...	...	14	14.8	5.88	10.01	1.25	12.81	10.01			
0.00	0.18	0.29	...	1.08	0.16	1.05	...	...	...	6	10.0	3.07	0.70	1.22	9.28	14.04			
0.10	0.00	0.03	...	...	1.12	0.12	...	...	0.08	17	15.1	5.05	10.34	1.41	11.08	16.37	Bh. Scory, Hetampur.	Deorbhoon.	
...	...	...	...	...	...	...	...	...	...	12	12.7	10.65	10.14	1.71	19.40	21.84	Bongong, Ranghat, Kishunghat, Choudhura, Meh. pore, Koudhura.	Nudda.	
0.50	0.63	0.89	...	...	...	...	...	...	1.40	12	12.4	13.41	9.41	2.00	19.00	20.07			
0.00	...	0.80	0.24	...	...	...	...	...	...	14	14.2	7.86	0.74	0.07	17.08	24.08			
0.10	0.07	1.27	0.16	0.16	...	0.06	0.18	...	0.14	20	14.2	10.70	9.55	2.20	21.02	24.06			
0.08	0.50	...	...	...	0.17	0.12	...	...	...	17	14.3	9.68	10.00	1.80	17.07	21.20			
0.08	0.12	2.07	0.87	...	...	...	...	...	...	17	17.1	8.02	11.40	2.07	22.02	24.07			
...	2.24	1.05	...	0.07	...	0.04	...	0.03	0.54	18	16.2	16.35	12.48	3.27	28.05	25.01	Satara, Baghat, Khoolia.	Khoolia.	
0.07	5.37	1.56	0.45	0.50	...	0.24	...	...	0.21	10	16.1	18.07	14.50	0.37	33.05	28.45			
0.25	3.50	3.50	0.50	0.50	...	0.05	...	...	...	17	18.1	22.40	13.03	3.20	38.80	26.02			
0.23	1.05	0.40	0.37	...	...	...	...	...	...	14	16.9	11.82	11.56	2.01	25.36	26.87	Narnai, Jessore, Jhanda, Magorah.	Jessore.	
0.14	0.81	0.05	0.15	...	0.55	...	0.07	1.23	0.23	20	18.8	18.68	18.40	3.40	34.29	29.00			
...	2.30	1.14	0.43	0.15	...	...	...	...	0.23	16	16.5	12.80	13.16	2.30	28.76	24.61			
...	0.81	0.41	0.05	5.35	...	0.05	...	...	0.41	19	18.5	16.25	11.38	3.38	30.46	20.80			
0.02	0.63	...	...	...	...	...	...	...	...	15	14.0	6.02	0.70	1.10	12.68	17.70	Kandi, Rampore Har, Borhamore, Lalbari, Arungunge, Jungipore, Lalga.	Meorah-dahad.	
0.05	0.48	0.31	...	...	...	...	...	...	...	12	13.0	6.03	0.51	1.71	9.59	10.23			
0.20	0.37	0.87	...	...	0.11	...	...	...	...	14	13.4	7.76	0.88	1.70	16.29	19.16			
...	0.35	0.30	...	...	...	...	...	...	...	11	12.3	9.17	0.24	2.04	15.61	17.03			
0.07	0.05	1.45	...	...	0.07	...	...	...	...	13	12.7	7.20	8.86	1.60	18.22	16.18			
0.11	0.04	...	...	...	...	...	...	...	...	12	13.0	5.70	8.45	2.08	11.57	16.44			
0.25	0.7	1.05	0.70	0.08	...	...	...	...	...	14	13.4	11.22	8.37	2.45	18.43	16.70			
3.05	1.23	0.50	0.01	...	0.19	0.20	...	...	0.10	21	22.2	30.73	35.76	5.06	54.70	51.74	Cox's Bazar, Chittagong.	Chittagong	EAST BENGAL.
3.00	5.00	2.60	1.05	...	0.18	...	...	...	0.48	21	20.4	26.33	23.10	5.00	51.58	40.20			
0.07	2.19	3.08	0.70	0.18	0.35	0.26	...	...	0.41	24	21.0	20.41	18.65	3.08	41.00	37.37	Rangamati, Ruma, Akartola.	Chittagong Hill Tracts.	
0.71	5.1	3.73	3.12	1.10	...	...	...	...	0.40	20	21.6	31.70	21.70	7.60	46.06	37.75			
...	0.70	0.63	3.26	...	...	...	...	...	0.52	13	17.7	15.68	14.26	3.92	40.61	36.60			
1.00	2.10	3.40	2.50	...	0.10	...	...	...	...	19	21.3	20.20	25.65	3.40	44.78	40.20	Patanahilly, Paragapore, Barisal, Bhola.	Backergunge.	
0.45	1.08	0.07	2.15	2.00	0.34	0.15	...	...	0.11	24	10.1	23.03	17.11	3.17	30.00	29.00			
1.51	1.23	1.40	0.77	2.04	0.02	...	0.21	0.04	0.16	24	21.6	21.30	17.46	3.82	41.00	32.70			
1.08	1.08	1.08	1.30	0.28	...	...	0.08	0.04	0.16	24	20.7	20.65	24.21	3.63	37.88	33.50			
...	1.80	1.84	0.40	...	0.07	...	0.10	0.11	...	19	20.5	18.05	24.47	2.00	38.27	42.15	Nonahilly, Panny.	Nonahilly.	
1.00	4.03	1.05	2.80	...	...	...	...	...	...	18	19.3	20.09	20.40	9.20	60.04	60.22			
0.14	...	3.46	...	...	0.50	...	...	...	...	11	19.2	12.45	12.80	3.46	23.40	31.08	Madanpore, Purnea, Gualinda.	Farrodpore.	
0.14	0.00	1.14	0.53	1.40	...	0.01	...	...	0.02	19	17.4	13.09	13.31	3.21	20.32	30.37			
0.00	0.00	1.08	0.70	...	...	...	...	...	0.15	15	17.3	11.26	11.40	2.04	20.66	29.02			
...	3.40	2.08	2.01	0.20	...	0.14	...	0.07	0.16	22	18.4	16.41	16.02	3.40	35.17	34.41	Manshingunge, Jinnah, Narmada, Annespore.	Dacca.	
2.19	2.63	0.12	2.02	...	0.03	...	...	...	0.51	20	18.1	11.25	11.21	2.02	31.09	32.05			
0.50	2.10	1.02	2.00	0.05	0.08	...	...	...	...	10	10.7	13.63	9.71	5.21	20.22	20.05			
0.00	0.07	1.50	5.21	0.28	...	...	...	...	...	...	...	...	...	...	...	...
0.32	0.31	0.50	4.71	0.05	0.14	...	...	0.02	...	21	2								

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
NORTH BENGAL	Pubna	Pubna	1.02	...	1.73	...	0.40	...	0.23	3.28	...	0.23	0.10	...	0.10	0.30	...	...	0.09	...	...	0.10
		Serajpore	...	0.74	2.17	...	...	...	...	...	...	0.70	0.03	0.50	...	0.07	...	0.10	...	0.13	...	...
	Bogra	Sherpore	0.15	1.40	...	...	0.25	0.48	...	...	1.08	...	0.30	...	0.25	...	...	...	...	...	...	...
		Nowkhilla	0.11	...	1.44	...	0.07	...	...	2.75	...	0.07	...	0.59	0.05	2.74	0.31	0.02	...	...	...	...
		Bogra	0.09	...	1.65	...	0.18	...	...	1.44	0.14	1.01	0.24	0.18	6.29	0.23	2.05	0.13	0.14	...	...	...
		Panchbibi	...	0.30	0.70	...	0.39	...	...	0.81	0.22	0.39	0.94	...	...	0.24	...	...	...	...	...	...
	Rajshahye	Renuksh	1.13	...	1.02	...	1.03	...	...	0.53	...	0.90	0.35	...	...	0.53	...	0.02	0.01	0.02	0.03	...
		Natore	...	...	1.60	...	0.30	...	...	0.45	...	1.10	0.10	0.22	0.28	...	...	...	0.40	...	...	...
	Maldah	Nowgong	0.06	0.70	1.04	...	0.32	...	1.03	0.25	...	1.14	0.10	1.03	...	...	1.75	0.03	7.22	...	0.78	0.03
		Maldah	...	...	0.72	...	0.63	...	0.16	0.19	2.32	0.08	1.50	...	...	...	2.02	...	...	...	...	0.09
	Dinagore	Mohadehpore	0.11	1.05	0.10	...	0.55	0.15	0.40	...	1.02	...	1.30	...	0.10	...	1.30	...	...	0.14	...	...
		Chumamun	...	1.10	1.45	...	0.60	...	...	2.70	4.27	...	0.43	...	...	...	1.75	...	...	...	...	0.15
	Rangpore	Ranunge	...	1.63	0.38	...	0.42	...	...	1.14	...	...	...	...	...	0.40	1.75	0.04	0.82	...	...	0.11
		Dinagore	0.04	0.13	0.18	...	0.04	...	...	1.19	0.60	...	0.12	...	...	0.41	0.65	...	4.78	...	...	...
		Baitonghat	...	0.59	2.71	...	0.21	...	0.25	0.94	0.61	...	...	...	...	0.11	1.85	...	...	...	...	...
		Bhawanigunge (Gyabanda)	...	1.14	1.08	...	...	...	0.90	0.50	...	0.25	...	...	...	0.28	...	...	0.78	...	...	0.11
		Rangpore	0.05	1.70	0.12	...	0.03	...	1.45	0.11	...	0.90	...	1.02	...	1.16	0.05	5.27	...	0.03	0.03	...	
		Kurigram	2.20	0.82	0.04	...	...	1.08	1.81	0.84	...	...	...	1.17	0.12	2.12	0.09	1.10	...	...	...	...
	Julpigore	Buglagra (Nijphamari)	0.04	...	0.49	...	...	...	0.12	0.50	1.54	0.15	0.36	...	1.55	...	2.97	...	2.75	...	0.08	0.19
		Julpigore	...	0.05	0.12	...	...	0.51	0.55	...	0.92	1.46	0.32	0.15	1.78	2.20	4.27	0.28	0.72	...	...	...
	Cooch Behar	Dinhatia	0.49	0.55	1.52	0.01	...	...	2.11	0.35	0.12	0.32	0.82	...	1.35	0.52	4.01	0.00	2.28	...	...	...
		Cooch Behar	0.75	1.20	2.22	...	0.38	1.30	1.12	0.52	...	0.24	0.62	...	3.79	2.87	3.76	0.07	0.73	...	...	...
		Muckhigunge	0.08	...	...	...	...	1.08	0.02	0.50	0.77	0.09	0.02	0.59	1.30	0.09	0.32	...	...	...	...	0.03
		Matabhanga	0.19	0.30	0.04	...	0.06	0.02	1.24	0.03	0.60	0.05	0.21	...	3.43	2.88	5.35	0.01	0.98	...	...	0.03
Darjeeling Hill	Buxa	0.41	...	...	0.36	0.90	1.00	0.38	1.50	1.26	0.26	2.26	0.30	0.13	2.90	2.01	...	...	...	...	...
	Singuri	...	...	0.12	1.15	0.37	0.11	0.10	0.15	0.30	0.43	0.04	1.00	2.67	0.25	1.55	0.02	1.45	...	...	...
	Darjeeling	...	0.08	0.40	0.00	1.59	0.34	0.16	0.32	1.85	0.45	0.02	0.65	0.78	0.21	1.02	0.15	3.32	...	...	...
	Kalimping	0.01	0.23	1.03	...	0.15	0.08	...	0.74	1.35	1.37	0.36	0.21	0.78	0.88	1.06	...	0.47	...	...	0.03	
NORTH BENGAL	Purneah	Kisengunge	0.00	0.11	0.08	...	...	...	0.35	0.85	2.30	0.08	0.28	...	0.28	1.00	4.48	...	2.05	...	...	...
		Arrah	...	...	...	...	...	0.12	...	0.36	...	...	...	...	0.36	...	2.32	...	4.25	...	...	...
	North Bhagulpore	Purneah	...	0.60	0.22	...	0.54	...	...	1.34	...	0.10	0.32	...	...	...	0.55	...	0.32	...	...	...
		Maidapore	...	...	0.72	...	0.50	...	...	1.00	...	1.40	0.22	...	...	...	0.12	...	0.12	0.16	0.07	...
	Durbhunga	Soopool	...	...	0.22	...	0.30	...	...	1.22	...	2.10	0.07	...	...	...	0.50	...	...	...	...	...
		Talpara	...	...	0.40	...	0.90	...	...	0.56	0.15	...	1.40	...	...	...	...	...	...	...	...	...
	Masuffpore	Durbhunga	...	...	...	...	1.02	...	...	1.19	0.56	...	0.16	...	...	...	0.30	...	...	...	...	...
		Madhubani	...	...	...	...	0.38	...	...	1.71	...	...	...	...	...	...	...	...	...	...	...	...
	Mouafferpore	Sitamari	...	...	...	...	0.63	...	...	1.15	...	...	...	...	...	...	...	...	0.30	...	...	...
		Mosufferpore	...	...	0.12	...	0.07	...	...	0.25	0.20	...	0.05	...	...	...	...	...	...	...	...	...
	Chumbarun	Haripur	...	...	0.30	...	0.68	...	...	0.18	...	...	1.39	...	...	...	...	...	0.19	0.87	...	...
		Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chumbarun	Motihari	...	...	...	...	1.40	...	...	0.36	0.33	...	0.17	...	...	...	...	...	...	0.75	0.04	...
		Bettiah	...	...	0.24	...	0.77	...	...	0.44	...	...	0.90	...	...	...	...	...	0.69	1.35	0.33	...
	Saran	Gopalkung	...	...	...	...	1.00	...	...	0.49	...	...	1.18	...	...	...	...	...	...	0.05	0.17	...
		Saran	...	...	0.12	...	0.69	...	...	...	...	0.14	0.24	...	...	...	...	...	...	0.50	...	...
	SOUTH BENGAL	Chupra	Chupra	0.31	0.39	...	0.52	0.20	1.45	1.02	...
			Chupra
		Shahabad	Buxar	0.03	0.31
			Dohri	0.15	0.23	0.06	0.30
			Bhudoah	0.20	0.21
			Sasaram	0.10	0.06	...	0.05
		Gya	Arrah	0.00	0.22	1.00	0.43	0.10	...
			Arrah
Gya		Aurangabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gya	...	...	0.20	...	...	0.42	...	...	0.11	...	...	...	...	...	...	...	...	0.78	...	0.28
Patna		Nowadah	...	...	...	...	0.08	...	...	...	0.50	...	...	...	...	...	...	...	...	0.17	...	...
		Jehanabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patna	...	...	0.25	...	0.62	...	...	...	0.34	...	0.05	...	...	...	...	...	...	0.12	...	0.20
		Dinapore	...	...	0.45	...	0.20	...	...	0.06	0.19	...	0.43	...	...	...	...	...	...	0.13	...	0.18
Monghyr		Behar	...	0.41	0.62	...	1.12	0.10	...	...	0.30	...	0.20	...	...	...	...	...	...	...	...	...
		Barh	...	...	0.70	...	1.12	...	...	0.60	0.05	...	0.20	...	...	...	...	...	0.10	...	...	...
Monghyr		Regoosari	...	...	0.50	...	1.36	...	...	0.82	0.24	...	1.20	...	...	...	...	...	...	...	...	...
		Monghyr	...	...	1.33	...	1.22	...	...	0.72	0.28	...	2.25	...	...	...	...	...	...	...	...	0.09
South Bhagulpore		Jamui	...	...	0.70	...	0.24	0.03	...	0.30	0.40	...	...	...	...	...	...	...	...	...	...	...
		Bhagulpore	...	...	1.14	...	0.60	...	...	1.13	...	0.00	1.80	...	...	...	...	...	...	3.08	0.02	0.03
Bonthal Pergunnahs		Banka	...	...	1.16	...	0.30	...	...	0.60	...	0.30	1.14	...	...	...	...	...	...	0.14	...	...
		Rajmehal	...	...	0.02	...	0.55	...	0.80	0.50	0.22	...	1.07	...	...	...	0.20	...	0.11	0.78	0.05	...
		Godda	...	...	0.37	...	0.80	...	...	0.35	...	1.08	0.42	...	...	...	...	...	0.23	0.15	...	0.16
		Pakur	...	...	1.00	...	0.85	...	...	...	...	1.35	0.60	...	...	0.12	0.22	...	...	...	...	...
Hazaribagh	Nya Boomka	...	...	0.83	...	0.44	0.02	...	...	...	...	...	...	0.06	0.21	...	...	...	...	...	...
	Doughur	...	...	1.24	...	...	...	0.11	...	...	...	...	...	...	...	...	...	...	0.40	...	0.25	
	Jamtara	...	...	0.53	...	...	0.07	0.31	...	...	...	...	...	0.03	0.28	0.70	...	2.33	0.12	0.07	0.43	
	Jamtara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in June 1884—concluded.

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1884 to 30th June 1884.	Average rainfall from 1st January 1884 to 30th June 1884.	Station.	District.	Administrative division.
0.12	0.20	1.00	0.87	.....	.....	.....	.....	.....	.....	10	18.3	10.78	12.17	3.38	22.47	20.21	Pabna	Pabna	NORTH BENGAL.
0.03	0.30	1.23	3.36	.....	.....	.....	.....	.....	.....	12	14.2	9.44	10.04	3.30	20.41	24.03	Sherajunge.	Hogra.	
.....	2.03	5.29	0.55	.....	.....	0.06	.....	.....	0.04	10	15.3	12.51	12.04	4.20	27.89	25.72	Sherpore		
0.07	0.70	0.47	4.26	.....	.....	.....	.....	.....	.....	10	17.0	15.00	12.00	4.20	27.86	24.53	Nowkhilla.		
0.51	0.40	0.04	0.50	0.08	.....	.....	.....	.....	.....	12	18.0	16.14	15.33	6.30	30.75	30.05	Hogra.		
.....	0.75	1.00	3.46	.....	.....	.....	.....	.....	.....	12	11.5	10.82	11.18	3.06	20.04	21.24	Panchbibi.		
0.64	0.20	0.06	0.05	1.05	.....	0.21	0.00	.....	.....	18	15.8	9.41	10.85	1.02	10.72	20.73	Beaulah	Rajshahye	
0.20	0.50	1.29	0.48	4.00	.....	.....	.....	.....	.....	13	12.0	10.05	10.45	4.00	21.79	22.84	Natore.		
0.40	0.11	0.81	2.30	0.30	.....	.....	.....	.....	.....	19	7	10.74	7	7.25	30.39	?	Nowgong.		
0.41	0.43	0.48	0.75	0.39	.....	.....	.....	.....	0.08	15	15.8	10.54	10.04	2.32	19.04	17.55	Maldah	Maldah.	
0.02	0.73	.....	0.04	3.25	.....	.....	.....	.....	.....	15	15.8	11.42	14.12	3.25	21.14	23.30	Mahadipore	Dinagopore.	
0.20	0.25	.....	1.76	0.75	.....	.....	.....	.....	.....	12	13.7	15.00	13.88	4.27	24.32	19.71	Churamon.		
0.20	0.24	0.82	1.22	2.38	0.01	.....	.....	.....	0.02	16	14.4	11.08	14.70	3.08	19.00	23.83	Chakranga.		
0.22	0.21	0.58	0.32	1.09	.....	0.02	.....	.....	.....	16	17.0	11.06	17.37	4.78	21.15	24.18	Dinagopore.		
0.43	0.80	1.04	4.45	.....	.....	.....	.....	.....	.....	12	7	15.07	15.08	4.45	22.74	20.23	Balochant.		
.....	.....	1.02	1.28	0.25	.....	.....	.....	.....	.....	11	14.9	8.45	15.40	1.68	20.05	28.71	Bhawaniganje (Gyabanda).	Rungpore.	
0.07	0.34	0.02	1.09	2.06	.....	.....	.....	.....	0.03	10	17.0	15.03	21.25	3.27	34.57	30.50	Rungpore.		
.....	0.55	0.24	0.84	2.70	0.23	.....	.....	.....	.....	16	10.3	15.92	21.38	2.70	37.00	41.75	Kurigram.		
0.11	0.43	1.08	0.44	3.47	.....	.....	.....	.....	0.05	18	20.9	10.10	20.14	3.27	30.65	43.05	Bardonia.		
0.08	0.60	0.48	0.14	4.22	.....	.....	.....	1.42	.....	19	24.6	20.30	20.31	4.27	40.44	47.24	(Nulphamari).	Jalpigoree.	
0.11	0.48	1.65	0.75	4.76	.....	.....	.....	0.18	.....	20	28.2	22.20	30.18	4.70	51.32	62.01	Dinhatia	Cooch Behar.	
.....	1.13	2.05	2.03	5.50	.....	0.03	0.12	4.30	.....	21	22.3	40.20	35.87	6.73	77.02	68.73	Cooch Behar.		
.....	1.21	1.05	0.45	5.05	.....	.....	2.50	1.13	.....	17	22.6	24.04	29.72	6.00	47.00	48.42	Mekligunge.		
0.19	1.16	1.00	0.12	1.43	0.05	.....	0.02	1.77	.....	24	24.2	22.01	31.87	5.55	40.12	63.07	Atabalinga.		
.....	1.77	1.27	1.61	0.26	0.11	2.81	3.80	4.32	0.46	22	24.4	30.08	40.10	4.32	64.27	81.20	Buxa	Darjeeling	
.....	1.10	0.50	0.50	1.43	.....	0.04	.....	0.25	1.16	22	7	14.05	7	2.07	24.17	7	Siliguri.	Mt.	
.....	4.11	0.45	1.79	0.95	0.22	0.12	0.25	0.73	0.50	23	24.3	20.03	24.02	4.11	34.21	39.00	Darjeeling.		
0.08	3.31	0.22	1.32	0.06	.....	.....	0.00	0.32	.....	22	7	10.43	7	3.31	20.03	7	Kalimpong.		
0.14	0.06	0.46	0.15	0.83	.....	0.02	.....	0.30	0.10	20	15.5	10.11	10.25	3.45	24.08	24.68	Kissengunge.	Purneah	NORTH BENGAL.
.....	0.08	1.00	.....	.....	.....	0.79	.....	.....	.....	8	10.5	10.28	14.07	4.25	18.47	22.41	Arureah.		
0.22	0.39	0.26	2.76	0.31	.....	.....	.....	.....	.....	13	12.9	8.13	11.05	2.70	12.86	17.80	Purneah.		
0.04	.....	1.20	1.00	.....	.....	.....	.....	0.08	.....	13	9.4	7.54	8.60	1.00	10.35	14.53	Maddapore	North Bhagulpore.	
0.10	0.70	.....	1.20	.....	.....	.....	.....	0.19	0.00	11	10.0	6.78	9.44	2.10	10.35	12.55	Soopool.		
0.45	.....	0.22	0.58	2.05	0.66	.....	.....	.....	.....	10	8.9	7.27	7.33	2.05	9.07	10.75	Tajpore	Durbhunga.	
0.21	0.05	0.81	0.37	1.00	0.15	.....	.....	0.08	0.00	14	10.1	6.73	8.72	1.00	9.74	12.70	Durbhunga.		
.....	0.25	1.34	2.50	.....	.....	.....	.....	0.47	0.35	9	10.3	6.89	8.55	2.50	11.12	14.12	Maddurani.		
.....	0.58	0.47	1.45	2.24	0.33	0.01	.....	.....	0.16	10	8.0	7.15	7.03	2.24	10.03	13.19	Sitamarni	Mozufferpore.	
0.04	0.12	0.42	0.42	3.47	0.35	0.05	.....	.....	.....	12	8.0	8.14	6.73	3.47	0.80	11.38	Mozufferpore.		
0.05	0.15	0.57	0.23	1.60	3.63	.....	0.14	.....	.....	13	8.0	9.60	7.30	3.63	0.00	10.71	Hajipore.		
.....	0.07	0.06	1.69	0.70	0.61	.....	0.11	0.03	3.85	13	10.4	10.77	8.24	3.05	12.70	12.60	Motihari	Chumpanan.	
.....	0.06	0.06	1.09	0.77	.....	0.04	.....	.....	1.30	14	8.4	9.05	8.08	1.09	12.22	14.10	Botin.		
.....	0.02	1.32	0.98	1.49	0.43	.....	0.73	.....	0.73	11	10.0	8.34	7.69	1.49	11.48	12.31	Gopikungo	Saran.	
.....	1.35	0.05	0.35	0.12	0.02	.....	.....	.....	.....	10	9.1	4.18	7.02	1.35	5.30	10.02	Sarna.		
0.09	0.05	0.73	1.17	0.51	.....	.....	.....	.....	.....	11	8.2	6.42	6.42	1.17	7.27	9.00	Chupra.		
0.01	0.41	0.17	0.96	0.34	0.81	0.51	0.31	.....	.....	10	8.8	4.70	4.91	0.00	5.78	7.25	Buxar	Shahabad	SOUTH BENGAL.
.....	0.30	0.00	.....	0.08	.....	.....	0.55	.....	.....	8	7	1.53	7	0.45	1.70	7	Behra.		
.....	0.00	0.18	.....	0.08	.....	0.10	.....	.....	.....	7	7.9	0.01	5.20	0.21	1.70	8.15	Bhubooh.		
.....	0.15	0.22	0.11	0.39	.....	.....	1.80	.....	.....	8	9.0	2.88	6.37	1.50	3.03	7.00	Nowraon.		
.....	0.00	1.60	.....	.....	.....	.....	0.73	0.06	.....	10	10.0	4.34	0.80	1.50	5.21	10.05	Arrah.		
.....	0.08	0.04	0.13	0.67	0.18	1.58	0.15	2.53	.....	10	7.9	5.47	5.48	2.45	5.01	9.18	Aurangabad	Gya.	
.....	0.03	0.13	0.13	0.08	0.39	.....	.....	0.09	.....	10	10.1	2.05	2.55	0.03	3.44	0.52	Gya.		
.....	0.07	0.08	.....	0.25	.....	.....	0.22	0.38	.....	8	8.0	2.11	3.77	0.74	2.07	0.01	Nowadah.		
.....	0.23	0.20	1.16	0.09	0.27	.....	0.72	.....	.....	9	7.3	3.38	5.17	1.14	4.78	8.27	Jehanabad.		
0.08	0.09	0.05	0.25	2.70	1.40	.....	0.28	.....	.....	13	10.2	8.21	7.08	2.70	0.18	10.40	Patna	Patna.	
0.17	0.00	1.04	0.13	0.08	3.00	.....	0.13	.....	.....	14	8.1	8.74	6.94	3.00	8.74	9.00	Dumra.		
.....	0.08	0.16	0.26	.....	0.51	.....	.....	0.01	.....	10	9.4	2.88	7.08	0.02	5.80	10.73	Patna.		
.....	0.10	0.80	0.20	.....	0.07	.....	.....	0.40	.....	11	9.1	4.50	5.02	1.12	0.04	9.08	Barrh.		
.....	.....	0.72	0.54	.....	0.44	.....	.....	.....	.....	8	9.7	3.88	6.20	1.06	6.04	9.93	Bogossarai	Monghyr.	
0.05	0.64	0.17	0.08	.....	0.03	.....	0.10	.....	.....	12	10.8	7.20	6.87	2.00	7.02	10.46	Monghyr.		
1.34	0.09	1.05	.....	.....	.....	.....	.....	.....	.....	10	9.0	6.20	6.71	1.34	7.85	10.05	Jamui.		
0.31	0.03	0.13	1.09	.....	2.57	.....	.....	.....	.....	18	12.3	12.44	8.41	8.05	14.20	13.27	Bhagulpore	South Bhagulpore.	
0.40	.....	1.20	0.15	.....	.....	.....	.....	.....	.....	9	11.2	5.44	7.05	1.20	7.00	12.15	Banks.		
1.02	0.30	0.03	1.48	0.35	.....	0.28	.....	.....	.....	16	10.7	10.15	10.40	1.08	10.65	10.70	Rajmahal	South Per-	
0.40	0.05	0.31	.....	0.18	.....	.....	.....	.....	.....	12	11.3	6.35	7.20	1.08	9.08	11.02	Gidda.	gunnahs.	
0.10	0.25	1.08	.....	1.00	.....	0.05	.....	0.22	.....	14	15.3	7.40	12.04	1.00	14.34	15.82	Pakour.		
0.25	0.05	0.08	.....	0.27	0.42	0.07	.....	.....	.....	13	15.7	2.45	9.09	0.83	7.09	16.84	Nya Basmika.		
0.18	0.11	0.75	.....	.....	0.02	.....	.....	.....	.....	8	13.5	4.45	8.43	1.24	8.71	14.06	Dogbar.		
0.50	0.12	.....	.....	0.00	0.10	.....	0.10	.....	.....	16	14.4	6.58	8.20	2.33	8.08	13.71	Jamtara.		
2.37	0.45	0.05	.....	0.11	0.12	0.10	.....	0.20	.....	12	14.7	4.14	8.42	0.00	6.00	13.00	Pachamba	Hazaribagh	UNOTA NAOPUR.
0.25	0.45	0.02	.....	0.07	1.74	0.75	0.78	0.00	.....	15	15.2	0.47	8.15	1.74	8.62	11.06	Hazaribagh.		
0.00	0.02	.....	.....	.....	0.28	0.59	0.11	.....	.....	10	14.2	4.00	8.50	0.00	7.82	13.23	Santagurah.		
0.25	.....	.....	3.03	0.08	.....	0.50	0.05	0.21	.....	12	10.2	3.00	6.66	1.25	5.45	10.05	Mahadi Hills.		
1.40	2.00	0.20	.....	.....	.....	.....	.....	.....	.....	10	7	7.10	7	2.00	12.00	7	Jhoomrahalla.		
0.41	0.12	.....	.....	.....	0.19	0.01	0.55	.....	0.12	16	7	5.04	7	0.81	5.53	7	Lohardugga	Lohardugga.	
0.02	1.05	.....																

METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF JUNE 1884.

The month of June is meteorologically one of the most important during the year in Northern India. During the three previous months local sea winds prevail in the Bengal coast and penetrate further and further into the interior with the advance of the season. They, however, hardly affect the weather in the greater part of Behar and Chutia Nagpur, over which dry westerly winds prevail until the end of May or beginning of June.

During the month of May a very important change occurs over the Bay of Bengal. Previous to the change, winds are generally light and variable, except in the neighbourhood of the coast where the land and sea breezes are felt. The change commences at the south of the Bay with the advance of the south-west humid winds which are accompanied with rain-squalls. Sometimes they advance some distance north and give rise to a small storm, as, for example, last month in the case of the Akyab cyclone, and then retreat for a short time. But usually before the end of the last week of the month of May, or the first week of June, humid southerly winds have advanced up to the head of the Bay, and absorbed, as it were, the local southerly sea breezes at the head of the Bay. The sea winds which prevail after this fusion over the Province are of much greater weight and body, and extend rapidly beyond the limits of the Province westwards. These changes initiate the south-west monsoon proper in Northern India.

After this large change has been effected, there is always a tendency for the monsoon winds to weaken at the northern limits of this lower air circulation in Northern India. Winds then fall off and become light and variable in Bengal. This is during the months of June, July, August, and September, followed by the repetition on a small scale of the original action which established the south-west monsoon proper. The winds strengthen in the south, and the strong winds advance northwards. They always give rise to heavy rain in the front of the strong current, and frequently to small cyclonic disturbances, which pass landwards. Every advance of these strong winds is followed by another burst of rainfall in Northern India, when the winds again weaken and the same actions are repeated.

The preceding remarks illustrate the following statement taken from the monthly report for June 1883:—"It is an important fact that the rainfall of the south-west monsoon is not due to steady action. It occurs rather as the result of a series of pulsations or water of aqueous vapour passing into the Province and condensed. The intervals between the bursts of heavy rainfall are very favourable to the formation of cyclonic vortices at the head of the Bay, which advance landwards across the Bengal or Orissa coast, and give heavy or occasionally excessive local rainfall to the districts over which they pass. Hence the important meteorological features of the month are the commencement of the south-west monsoon, the occurrence of cyclonic storms and the distribution of rainfall."

It may also be noted that the rainfall of the Province during the month of June is due almost entirely to the Bay of Bengal branch of the monsoon current, uninfluenced by the Bombay branch. The distribution of the rainfall is hence generally similar to that of the preceding month, decreasing rapidly from east to west across the Province.

Establishment of the monsoon.—The first strong advance of south-west winds up the Bay occurred in May, and gave rise to the Akyab cyclone. They did not reach the Bengal coast. The second advance occurred during the last week of May, and began to influence the weather in Bengal from the 31st. This date may hence be accepted for the establishment of the monsoon on the Bengal coast. General rain fell over the greater part of Bengal on that day, and extended to Behar on the 3rd. It thus commenced earlier than usual, but was by no means strong, and gave moderate rain during the month. The rainfall, however, occurred at frequent intervals, and was generally well distributed.

Barometric depressions.—Two were formed near the head of the Bay during the month and passed landwards. The first formed after an advance of strong south-westerly winds up the Bay. They were felt on the Ceylon coast on the 13th, 14th and 15th. The wind observations at the Bengal and Orissa stations on the 17th indicated that a depression and cyclonic circulation was forming near the head of the Bay. It increased in intensity during the next two days. The centre at 10 A.M. of the 19th was nearly midway between Saugor Island and False Point. It drifted slowly westwards during the day and crossed the Balasore coast early on the morning of the 20th. It continued to move in the same direction and crossed the North Orissa hills, but was so much enfeebled that it broke up very shortly after in the Central Provinces. Its advance landwards was followed by the establishment of strong monsoon winds for some days over the whole Province as well as the Bay, which gave general rain until the 23rd. A second depression then began to form at or near the head of the Bay. The wind directions at stations on the north coast shifted round on the 24th, and thus indicated its existence. It was a very small disturbance, and the actions causing it were apparently not only weak, but irregular. It did not show any considerable development until the 30th, when a moderately large fall of the barometer occurred in South Bengal and Orissa. It was, as evidenced by the land observations, moving westwards on that day. It crossed the Balasore coast on the morning of the 1st and disappeared very shortly afterwards.

The depressions during the month of June were hence much smaller and less intense than those during the corresponding month of last year.

Temperature—The mean temperature of the month of May was generally below the average in consequence of the large number of storms that occurred. The early commencement of the monsoon, and the general character of the weather, viz. clouded skies with frequent moderate showers, has caused the temperature of the past month to be also generally below the average. The only districts in which high temperatures were registered during a considerable portion of the month were the Shahabad and Gya districts of South Behar and Chutia Nagpur, where the rainfall was markedly below the average. The mean temperature of the month was 2° below the normal over the whole of Bengal and Behar. It was $\frac{1}{2}^{\circ}$ below it in Orissa and $\frac{1}{2}^{\circ}$ above it in Chutia Nagpur.

Rainfall of the month.—The average rainfall of the month exceeds five inches in the case of all stations except Buxar, of which it is only 4.7 inches. It varies between 5 and 10 inches for all stations (excluding Buxar) lying to the west of a curved line running through Rajmehal, Berhampore, Beerbhoom, Calcutta and Contai, and decreases from east to west. Between that line and a line running through Rungpore, Mymensingh and Kishoregunj, along the western flank of the Tipperah hills and through Chandpore and Patuakhally, the average rainfall increases eastwards from 10 to 20 inches.

To the east of the latter line it exceeds 20 inches, and over the greater part of the Cooch Behar district, the Bhootan Duars, the Darjeeling hill districts, and the Cox's Bazar district and South Chittagong it slightly exceeds 30 inches.

If the commencement of the south-west monsoon rains date from the first occurrence of general rain after the permanent establishment of south-west winds over the whole of the Bay, the following appear to be the dates for the different divisions of the Province:—

East Bengal	...	...	...	...	May 31st
North Bengal	...	...	...	...	„ 31st
South-West Bengal	...	...	...	...	June 1st
Behar	...	...	...	...	„ 3rd
Orissa	...	...	...	...	„ 9th

The distribution of rainfall during the month of June is generally very irregular, but was exceptionally so this year. Although the rains set in earlier in Bengal than usual, in consequence of the conditions being favourable, the main body of the monsoon current (as indicated more especially by the delay in the establishment and the weakness of the monsoon on the Bombay coast) was very feeble. The rainfall was small in amount, more especially in Behar, during the first week of the month. Larger amounts were received during the second week of the month, showers of moderate intensity occurring at frequent intervals. Every division, except Chutia Nagpur, received favourable and average or abundant rainfall at this time. This was followed by a partial break in the rains extending from the 14th to the 17th, during which the first barometric depression and small rainy season storm of the month formed near the head of the Bay. During this period some heavy local falls occurred in the northern districts of North Bengal and the Purneah district. The following amounts exceeding five inches were recorded:—

Cooch Behar	...	6.73 inches on the 17th
Meckligunge in the Cooch Behar district	6.09	„ on the 15th
Ma'abhang in the ditto	5.55	„ on the 15th
Nowgong in the Rajshahye district	7.22	„ on the 17th

The advance of this storm across Orissa was accompanied with heavy rain in that area and the adjacent districts of South-West Bengal, and followed by general rain over the whole Province.

The rainfall of the third week of the month was hence considerably below the normal in all parts of the Province except Orissa. The general burst of rain which followed the disappearance of the first storm gave average rain during the fourth week in Orissa, South-West Bengal, and North Bengal, and abundant rain in East Bengal and North Behar. The rainfall of the last three days of the month was small in amount.

The distribution of the total rainfall of the month is very irregular, and can only be stated roughly. The total rainfall was less than three inches in Palamow, the southern half of the Shahabad district, and portions of the Gya district and of the Sonthal Pergunnahs. It was less than five inches over the larger portion of South Behar and the western districts of Chutia Nagpur, and over portions of the Midnapore, Bankoora, and Burdwan districts, and also at Attia in the Mymensingh district. It was less than 10 inches to the west of a line which is very roughly defined by the meridian of 86° , and more closely by the stations of Arraresh, Bhagulpore, Rajmehal, Kooshten, Cutwa, Serampore, and Tumlook. The rainfall of the whole of Orissa, excepting portions of the Pooree and Cuttack districts nearest to the sea, exceeded 10 inches. The rainfall to the east of the line defined above (excluding Attia) exceeded 10 inches, and over the greater part of the area increased eastwards from 10 to 20 inches. The Julpigoree, Cooch Behar, Chittagong and portions of Backergunj and Jessore districts received more than 20 inches, and in the immediate neighbourhood of the hills of East and North Bengal the rainfall of the month was between 30 and 40 inches in amount.

Assuming that, when the difference between the actual rainfall and the average rainfall of the month is less than 10 per cent. of the average (either in excess or defect), the rainfall of the month may be considered normal; the rainfall of the month of June was normal in the following districts:—Durbhanga, Patna, Bhagulpore, Moorshedabad, Burdwan, Rajshahye, Mymensingh, Comilla, Chittagong, Dacca, and Furreedpore.

The greater part of the area of deficient pressure during the past three months, viz. Orissa and the adjacent districts of South-West Bengal, has received excess rainfall during the month.

The following gives the districts in which the average rainfall was more than 10 per cent. in excess, and approximately the percentage of the excess:—Balasore 69 per cent., South Midnapore 45 per cent., Jessore 35 per cent., Cuttack 25 per cent., Motihari 20 per cent., Burrisal 13 per cent., 24-Pergunnahs, Hooghly, and Howrah 12 per cent.

The rainfall was in defect over the remaining districts of the Province. The deficiency was between 40 and 50 per cent. of the normal rainfall in Bankoora, Beerbhoom and Shahabad; between 30 and 40 per cent. in North Midnapore, Manbhoom, Singbhoom, Hazaribagh and the Sonthal Pergunnahs; between 20 and 30 per cent. in Chumparun and Noakholly, and between 10 and 20 per cent. in Bogra, Pubna, Dinagepore, Julpigoree, Cooch Behar, Purneah and Pooree.

There were three or four examples of remarkable local rainfalls, or of small centres of excessive or deficient rainfall. These were Kholna and Bhagulpore of excessive rainfall, and Attia of deficient rainfall. Bhagulpore received a total of 12·44 inches, the average being 8·41 inches. Kholna received 22·46 inches, its average June rainfall being 13·03. Attia in Mymensingh obtained only 3·36 inches, whilst all the neighbouring stations received amounts exceeding 9 inches. The average rainfall of the month of the Mymensingh district in which it is situated is 16·37 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the month of June 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of week above or below normal mean of week.	Of month.			Rainy days.		Since 15th May 1884.		
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average number in month.	Normal average number in month.	Variation.					
Orissa	106·0	69·0	81·1	70·6	85·3	—0·4	11·00	8·90	+2·10	14·4	11·4	+3·0	11·13	16·97
South-West Bengal	105·0	67·4	81·8	72·1	84·5	—1·6	10·23	10·83	—0·60	14·6	14·9	—0·3	12·00	13·00
East Bengal	104·5	61·6	85·0	73·9	80·0	—3·3	18·70	18·82	—0·12	18·0	19·5	—1·5	23·76	23·64
North Bengal	98·8	66·1	87·8	74·5	81·3	.....	15·48	18·44	—2·96	16·0	17·4	—1·4	22·40	23·71
North Behar*	104·5	67·9	81·9	75·0	83·8	—1·7	8·42	9·00	—0·58	11·9	10·0	+1·9	9·03	10·46
South Behar	114·2	67·4	84·8	75·5	89·1	—2·4	5·43	7·19	—1·76	10·8	10·4	+0·4	6·04	8·46
Chutia Nagpur	105·2†	65·7†	82·7†	74·7†	83·7†	+0·6†	4·99	8·18	—3·19	18·2	13·9	—0·7	8·11	9·90

* Mouafferpore not included.
† Chybamra not included.

METEOROLOGICAL OFFICE, BENGAL,
The 9th June 1884.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 6th to 12th July 1884.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1884.		°	°	°	°	°	Inches.	°	%	Inches.
July	6th	82.9	91.8	12.3	78.6	80.3	.998	79.1	88	Nil.
"	7th	84.9	91.3	11.0	80.3	81.1	1.012	79.0	84	"
"	8th	86.4	93.0	13.2	79.8	81.7	1.034	80.3	86	"
"	9th	86.0	92.4	11.6	81.0	81.7	1.028	80.0	83	0.30
"	10th	82.3	90.3	10.0	80.3	79.8	.976	78.6	90	0.19
"	11th	79.7	86.3	8.0	77.3	78.6	.980	78.0	94	0.26
"	12th	81.3	86.8	9.0	77.8	79.0	.989	78.7	92	0.17

The mean temperature of the seven days ... 83.2

The extreme variation of temperature ... 15.7

The maximum temperature ... 93.0

The mean relative humidity ... 88

The total fall of rain from 6th to 12th July 1884 ... 0.92

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

Calcutta, the 14th July 1884.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

Meteorological Report of the Province of Bengal.

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.														Average humidity at 10 A. M.	Average cloud amount at 10 A. M. for a week.	
			AIR PRESSURE.			WIND.		TEMPERATURE.											
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Lowest during week.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A. M. temperature.					
ORISSA.	Pooree	Gopalpore	29'536	29'586	—	S	391	80'6	79'8	86'2	80'6	83'4	—	84'0	79	6'7			
		False Point	29'530	29'561	—0'70	SW	291	80'5	76'0	88'1	78'0	83'6	—0'3	81'3	81	6'9			
	Cuttack	Cuttack	29'480	29'570	—0'56	NNE	60	93'0	76'8	90'3	73'6	84'3	—0'2	81'5	76	7'3			
	Balasore	Balasore	29'469	29'557	—	SSW	118	90'9	78'7	80'0	79'4	84'7	—	85'4	80	6'9			
	South-West Midnapore	Saugor Island	29'535	29'561	—0'68	S&SE	322	90'2	79'0	80'4	81'4	85'4	+1'1	85'6	84	8'6			
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29'413	29'561	—	S	120'4	97'4	76'3	91'5	75'3	85'0	—	86'2	78	6'7			
	24-Pergunnahs																		
	Howrah	Calcutta	29'537	29'558	—0'54	SSW	137	92'0	78'7	89'7	79'7	84'7	+1'0	84'9	82	8'1			
	Hoochly																		
	Burdwan	Hurdwan	29'466	29'555	—0'57	S & E	99	96'1	77'9	93'5	80'2	86'9	+3'0	80'9	73	8'7			
	Bankura																		
	Boerbhoom	Ranigunge	29'218	—	—	SE	107'0	95'0	78'3	92'3	79'3	83'8	—	80'5	75	6'6			
	West Burdwan																		
	Moorsheadabad	Berhampore	29'498	29'564	—0'50	E	134'3	93'7	78'3	91'8	79'7	85'8	+0'8	85'8	83	10'0			
	Nuddea																		
EAST BENGAL.	Jessore	Jessore	29'545	29'578	—0'50	S	134	92'8	77'4	91'5	79'8	85'7	+1'3	86'4	83	9'8			
	Khoolna																		
	Chittagong	Chittagong	29'380	29'609	—0'27	SE	154	89'1	75'0	83'8	70'1	80'0	—1'7	81'7	87	7'0			
	Chittagong Hill Tracts	Demagiri																	
	Backergunge	Barrisal	29'291	—	—	S	126'7	87'0	73'9	85'5	77'9	81'7	—	83'4	87	7'4			
	Noakholly	Noakholly	29'668	29'712	—	ESE	255'6	85'5	76'8	85'4	77'4	81'4	—	81'8	85	8'1			
	Furzedpore	Furzedpore	29'556	—	—	SE	161'4	89'5	77'9	88'7	79'1	83'9	—	85'3	83	5'7			
	Dacca	Dacca	29'577	29'589	—0'34	SSE	175	91'8	77'7	89'9	79'3	84'2	+0'3	86'5	83	8'4			
	Commillah	Commillah	29'374	29'610	—	E	113'3	90'4	76'7	85'9	77'6	81'7	—	81'6	?	4'7			
	Mymensingh	Mymensingh	29'639	—	—	SSE	153'7	91'3	77'0	87'2	78'6	82'9	—	84'1	?	6'9			
NORTH BENGAL.	Bogra and Pubna	Seralgunge	29'544	29'590	—	E	163'1	91'1	77'2	85'5	78'6	81'6	—	85'1	84	7'7			
	Rajshahye	Rampore Beaulah	29'480	29'533	—	SE	73'7	91'6	76'6	90'5	78'1	84'3	—	86'9	83	6'0			
	Dinagore	Dinagore	29'397	29'616	—	SE	127'4	91'1	77'1	86'7	78'9	83'8	—	84'8	81	6'0			
	Rungpore	Rungpore	29'523	29'641	—	SE	113	93'8	77'5	98'3	78'1	83'3	—	86'6	82	7'1			
	Julpigoree	Julpigoree	29'341	29'627	—	E	114'8	93'0	74'1	87'7	75'4	81'5	—	82'1	86	6'0			
	Cooch Behar																		
	Darjeeling Hill Districts	Darjeeling	22'876	—	—	Calm	27	72'1	55'1	86'0	67'3	61'6	—	62'5	91	9'0			
	Purneah	Purneah	29'430	29'562	—0'55	Calm	27	93'2	75'5	89'7	77'0	83'4	—1'7	84'2	87	9'8			
	North Bhagulpore																		
	Mozufferpore	Mozufferpore	29'382	—	—	E	—	95'5	76'5	89'7	78'3	83'9	—	85'6	89	8'6			
SOUTH BENGAL.	Durbhunga	Durbhunga	29'390	29'556	—0'40	ENE & ESE	93	92'9	77'6	87'6	79'4	83'6	—1'1	83'6	87	6'1			
	Chumpran	Motihari	29'420	29'556	—	SE	109'2	93'0	74'9	86'7	77'4	83'0	—	83'0	81	6'0			
	Saran	Chupra	29'358	—	—	S	25'3	88'3	77'0	87'8	78'2	83'0	—	83'2	89	7'6			
	Shahabad	Dehree	29'182	29'534	—	S	252'1	—	—	—	—	—	—	—	—	7'4			
		Buxar	29'303	29'544	—	Variable	151'1	103'4	75'8	87'3	77'4	82'5	—	83'6	83	7'9			
		Arrah	29'351	29'526	—	SE	80'0	93'4	77'1	89'1	78'5	83'6	—	83'6	86	6'6			
	Gya	Gya	29'147	29'521	—	NE	?	96'2	75'8	91'5	77'4	84'5	—1'2	87'3	74	6'9			
	Patna	Bankipore	29'379	29'562	—0'31	Variable	82	93'4	78'2	89'5	79'1	83'5	—2'5	84'0	87	9'4			
	South Bhagulpore	Bhagulpore	29'372	29'534	—	SE	63	92'4	77'0	89'3	78'6	83'9	—	83'9	85	6'9			
	Monghyr																		
CHINA NAG PORE.	Southal Pergunnahs	Doonka	29'049	—	—	SE	—	92'1	77'7	90'9	78'6	84'5	—	84'7	92	5'4			
	Hazaribagh	Hazaribagh	27'672	29'554	—0'37	WSW	165	87'5	73'8	83'0	74'4	79'7	—0'4	80'2	80	9'8			
	Lohardurga																		
	Manbhoom	Manbhoom	27'451	29'540	—	—	—	85'9	72'5	84'0	73'1	78'6	—	79'8	80	8'8			
	Singbhoom	Chyabassa	28'779	—	—	SW	34'6	90'9	74'7	86'7	77'7	82'2	—	83'3	80	9'0			

Explanation of Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period. The density of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the rainfall are the numerical means or averages of the rainfall in that district determined from the returns sent in by the subdivisions from the district. (i.e.) the total rainfall at the sub-divisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 11th July 1884.

Rainfall of week at observing stations.	DISTRICT OBSERVATIONS.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
	RAINFALL.												
	Of week.		Since 1st of month.			Since 15th May.			Average number of rainy days.	Normal number of rainy days.			
	Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
1'53	—	—	—	—	—	—	—	—	—	—	Gopalpore ...	Pooree ...	ORISSA
1'51	3'07	3'71	3'11	3'36	+1'15	15'16	15'40	—2'53	4'0	4'0	False Point ...	...
3'36	3'10	2'41	4'23	4'00	+0'10	15'42	15'41	+0'01	3'8	3'4	Cuttack ...	Cuttack ...	
0'73	1'77	2'00	3'61	4'00	—0'48	16'05	16'40	+2'16	3'8	3'2	Balasore ...	Balasore ...	
6'06	4'13	2'63	5'65	4'55	+1'00	20'27	19'03	+3'54	3'3	4'1	Naugor Island ...	South-West Midnapore ...	SOUTH-WEST BENGAL
3'48	3'01	2'41	5'37	4'16	+1'21	12'74	15'85	—3'07	3'3	3'7	Midnapore ...	Midnapore ...	
1'58	1'87	5'13	2'47	3'51	—1'04	14'02	16'38	—1'76	3'8	4'5	Calcutta ...	Howrah ...	
1'00	1'25	3'18	1'54	3'10	—1'56	12'61	14'40	—1'88	3'3	3'0	Burdwan ...	Burdwan ...	
3'18	2'05	2'40	3'53	3'71	+0'12	11'32	16'30	—5'48	4'5	4'7	Ranigunge ...	Beerbhoom ...	SOUTH-WEST BENGAL
0'38	1'09	2'52	2'02	4'08	—1'10	12'53	16'10	—3'53	2'7	4'3	Berhampore ...	Moorshedabad ...	
3'34	1'08	2'30	3'34	3'45	—0'11	22'12	19'41	+2'71	3'7	4'0	Jessore ...	Jessore ...	
3'38	—	5'43	—	5'34	—	—	44'30	—	—	5'8	Chittagong ...	Chittagong ...	
3'10	4'19	3'44	0'51	5'50	+4'01	34'00	36'11	+4'55	5'3	6'3	Dumagiri ...	Chittagong Hill Tracts ...	EAST BENGAL
4'80	4'74	4'10	9'87	6'85	+3'22	37'02	41'48	—3'50	5'0	5'2	Barrisal ...	Bachergunge ...	
1'34	0'07	2'59	3'06	3'58	—0'53	16'05	20'70	—2'05	3'0	4'5	Noakholly ...	Noakholly ...	
1'70	1'30	2'54	3'56	3'63	—0'07	21'03	21'03	0	4'0	4'3	Furzedpore ...	Furzedpore ...	
2'08	3'55	2'30	5'30	3'85	+1'53	25'54	25'05	+2'80	5'3	4'9	Dacca ...	Dacca ...	NORTH BENGAL
2'00	3'44	4'00	3'61	5'24	—1'03	20'53	26'81	—0'28	4'3	4'8	Commillah ...	Commillah ...	
2'07	1'53	3'25	4'13	4'23	—0'10	18'33	20'29	—1'97	3'3	4'1	Mymensingh ...	Mymensingh ...	
1'55	1'17	3'48	2'55	4'80	—2'34	15'81	18'15	—2'34	3'0	4'5	Berajung ...	Rajshahye ...	
3'27	2'66	2'61	4'42	4'12	+0'30	21'51	21'94	—0'63	4'5	4'0	Rampore Beaulah ...	Rajshahye ...	NORTH BENGAL
3'63	4'54	4'35	5'66	5'05	—0'39	27'70	33'30	—6'10	5'3	3'8	Dinagore ...	Dinagore ...	
12'73	9'73	3'35	10'08	6'01	+4'67	61'41	46'02	+4'40	5'8	5'0	Rangpore ...	Rangpore ...	
10'15	—	10'37	—	16'62	—	—	62'03	—	—	6'3	Jalpigoree ...	Jalpigoree ...	
10'15	6'25	3'11	10'35	5'12	+5'23	21'04	19'22	+2'72	5'2	4'1	Darjeeling ...	Darjeeling Hill District ...	NORTH BENGAL
2'00	4'81	2'04	0'07	4'42	+1'63	13'56	13'38	+0'48	5'0	3'9	Purneah ...	Purneah ...	
3'23	—	—	—	—	—	—	—	—	—	—	Purneah ...	North Bhagulpore ...	
7'59	7'04	3'26	8'17	4'78	+3'39	17'77	14'03	+3'74	5'7	3'0	Durbhunga ...	Monufepore ...	
4'32	5'15	3'56	3'71	4'23	+1'45	11'01	11'94	—0'91	6'0	3'7	Durbhunga ...	Durbhunga ...	NORTH BENGAL
3'40	—	—	—	—	—	—	—	—	—	—	Motihari ...	Champaran ...	
3'60	3'14	2'40	4'13	3'73	+0'40	7'35	9'83	—2'47	5'3	3'6	Chupra ...	Chupra ...	
4'03	—	—	—	—	—	—	—	—	—	—	Dehree ...	Sushabad ...	
3'09	2'78	2'15	4'70	3'88	+0'82	3'61	10'72	—2'31	5'3	3'0	Buxar ...	Sushabad ...	SOUTH BENGAL
4'51	3'48	3'41	4'05	4'41	+0'24	10'78	12'30	—1'53	6'3	3'6	Arrah ...	Arrah ...	
0'53	1'93	2'45	3'34	4'07	—0'71	11'18	12'47	—1'29	4'3	3'9	Gya ...	Gya ...	
0'51	1'41	2'73	3'35	4'37	—0'92	11'33	15'62	—4'30	3'5	4'2	Bankipore ...	Bankipore ...	
1'07	1'37	2'59	2'53	4'63	—2'11	7'43	14'33	—6'50	3'0	4'8	Bhagulpore ...	South Bhagulpore ...	SOUTH BENGAL
1'57	1'50	2'04	3'31	4'23	—0'47	9'34	13'04	—3'30	4'0	4'4	Bhagulpore ...	Monghyr ...	
4'46	4'00	3'01	6'37	3'60	+2'97	12'00	14'23	—2'23	5'0	4'1	Dumka ...	Sonthal Pergunnah ...	
—	—	—	—	—	—	—	—	—	—	—	Hazaribagh ...	Hazaribagh ...	
—	—	—	—	—	—	—	—	—	—	—	Rohtak ...	Rohtak ...	SOUTH BENGAL
—	—	—	—	—	—	—	—	—	—	—	Manchou ...	Manchou ...	
—	—	—	—	—	—	—	—	—	—	—	Manchou ...	Manchou ...	SOUTH BENGAL
—	—	—	—	—	—	—	—	—	—	—	Chyousse ...	Chyousse ...	

period for the past one year. The variations are *negatives* when the mean for the week is less than the corresponding normal mean, and *positives* when greater. The number denoting cloud amount represent the part of the sky covered, the whole sky being denoted by 10. Under the head "district observations" are the numerical averages of the rainfall returns received from stations for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received from stations for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received from stations for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received from stations for the period in question during the past 12 years.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th July 1884.

Meteorological division.	District.	Station.	RAINFALL.							Total.		Total rain- fall from 1st to 11th July 1884.	Average total rain- fall from 1st to 11th July.	Total rain- fall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 5th July.	Sunday, 6th July.	Monday, 7th July.	Tuesday, 8th July.	Wednesday, 9th July.	Thursday, 10th July.	Friday, 11th July.	Number of rainy days.	of Rainfall week.				
ORISSA	Pooree	Pooree	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Khordah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Bampur	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		False Point	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Outtock	Hookitola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jagatsingpore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Banki	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Cuttack	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Balasore	Kendrapara	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jajpore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Chandball	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Rhudduck	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
SOUTH-WEST BENGAL.	Midnapore	Norah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Balasore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jeinore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Baripodah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	24-Pargunnahs	Contai	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Saugor Island	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Tumlook	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Midnapore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Diamond Har- bour.	Ghatil	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Alipore Jail	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Barrackpore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Dum-Dum	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Howrah	Barasat	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Busserhat	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Howrah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Mohescha (Oloheriah.)	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Hooghly	Serampore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Hooghly	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jehanabad	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jehanabad	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Burdwan	Culina	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Burdwan	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Culina	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Ranagunge	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
Bankura	Bankura	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Bahenpore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Mahara	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Khatra	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
Bardhaman	Rh. Scory	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Hilampore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Bardhaman	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Bardhaman	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
Nadua	Bongong	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Ranaghat	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Kishnaghat	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Chowmunga	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
Khowla	Meherpore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Koositola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Khowla	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Khowla	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
Jessore	Satkira	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Baghat	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Khowla	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Khowla	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
Mooreabad	Narail	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Jessore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Jhenderah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Magoorah	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
EAST BENGAL.	Chittagong	Kandi	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Bampur	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Barhaupore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Latibagh	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Chittagong Hill Tracts.	Atitkulunge	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Jungipore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Latigola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Latigola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Backergunge	Cox's Bazar	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Chittagong	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Chittagong	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Chittagong	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Noakhali	Ranamatli	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Kaicha	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Agarola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Agarola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Purba Medinipur	Patuakhali	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Parazepore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Burraul	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Bhola	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
	Dacca	Noakhali	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Noakhali	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Noakhali	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
		Noakhali	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48	
Comilla	Fenny	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Madaripore	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	13.38	13.48		
	Purba Medinipur	0.83	0.13	1.01	0.30	0.48	0.72	3	3.50	5.35	2.96	1			

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.) the 11th July 1884—concluded.

Meteorological division.	District.	Station.	RAINFALL.								TOTAL.		Total rain-fall from 1st to 11th July 1884.	Average total rain-fall from 1st to 11th July.	Total rain-fall since 1st May 1884.	Average rainfall from 1st May to date.
			Saturday, 5th July.	Sunday, 6th July.	Monday, 7th July.	Tuesday, 8th July.	Wednesday, 9th July.	Thursday, 10th July.	Friday, 11th July.	Number of rainy days.	of Rainfall week.					
NORTH BENGAL	Pubna	Pubna	0.26	.....	.....	0.24	.....	0.15	0.23	4	0.94	3.98	5.76	16.23	18.09	18.09
		Sorajunga	0.58	.....	0.20	.....	.....	0.77	0.53	4	2.25	5.14	4.20	16.86	19.09	19.09
	Bogra	Sherpore	.....	0.31	.....	.....	.....	0.26	0.18	2	0.71	3.08	5.37	20.76	21.23	21.23
		Nows hills	0.02	.....	0.15	.....	.....	0.65	0.65	3	0.83	3.81	5.79	25.03	19.43	19.43
		Bogra	.....	0.32	.....	.....	.....	0.06	0.48	2	0.96	1.99	5.97	25.01	20.25	20.25
		Panchbibi	0.40	0.43	1.23	.....	.....	.....	0.53	4	1.28	5.99	5.35	30.33	20.36	20.36
	Rajshahye	Beaulah	1.78	.....	.....	0.31	0.02	.....	0.29	4	2.90	3.38	4.71	14.45	17.33	17.33
		Nattore	.....	.....	.....	0.23	.....	.....	0.10	1	0.10	2.15	5.31	16.87	19.23	19.23
	Maldah	Nowgung	1.80	0.16	0.45	0.23	.....	.....	0.17	6	3.00	3.79	?	37.00	?	?
		Maldah	.....	.....	0.04	0.05	0.17	.....	0.24	4	0.60	2.13	4.68	16.10	17.88	17.88
	Dinagore	Mohadebore	.....	0.20	.....	.....	.....	0.33	0.12	3	1.15	2.29	3.70	16.83	21.63	21.63
		Charanmon	.....	1.20	.....	.....	0.80	0.45	0.45	3	3.16	3.54	3.37	34.08	17.89	17.89
		Rangunge	0.03	1.97	0.27	.....	0.91	0.19	0.37	6	3.70	6.67	4.08	25.06	23.13	23.13
		Dinagore	0.30	1.06	1.49	0.33	0.17	0.23	0.23	6	3.55	6.83	5.43	30.50	26.23	26.23
	Rangpore	Balcoorghat	0.30	0.23	1.70	.....	0.69	.....	0.09	5	2.68	6.73	?	34.23	?	?
		Bhawungunge (Gyabanda)	.....	3.50	2.80	.....	.....	.....	1.11	3	7.47	8.28	4.76	33.73	26.56	26.56
		Rangpore	0.21	1.85	0.11	0.20	0.04	0.41	0.30	7	3.23	3.83	6.24	30.85	31.81	31.81
		Kurigram	0.07	0.18	1.12	.....	0.18	0.16	0.16	5	1.71	2.91	6.03	29.10	35.53	35.53
	Jaipur	Ragoria (Niphamsari)	0.11	2.47	0.55	2.01	.....	0.09	0.21	6	5.75	7.61	6.15	26.01	41.16	41.16
		Jaipur	1.46	4.18	4.37	1.37	1.74	.....	0.29	6	13.41	14.43	0.78	48.85	48.89	48.89
Dinhatta		0.21	0.65	0.41	1.29	.....	0.45	0.05	6	3.08	3.90	3.03	44.15	43.03	43.03	
Cooch Behar		0.70	2.85	1.95	5.90	.....	1.04	0.15	6	12.84	14.04	9.13	72.91	53.11	53.11	
Cooch Behar	Dickhunge	2.15	2.00	3.35	1.25	.....	0.35	0.35	4	8.75	3.37	4.43	44.53	43.03	43.03	
	Matabhanga	1.08	2.17	5.97	1.25	0.03	0.11	0.14	7	10.77	12.46	4.84	48.85	49.47	49.47	
	Bura	0.40	3.20	0.60	1.15	0.25	0.99	0.30	7	14.08	18.27	21.80	84.13	84.13	84.13	
	Siliguri	0.50	0.71	1.03	2.10	1.03	.....	1.25	6	14.08	18.27	21.80	84.13	84.13	84.13	
NORTH BENGAL	Purneah	Darjeeling Hill.	1.14	0.21	0.13	1.25	.....	0.45	2.23	6	5.40	10.53	10.53	20.20	20.20	20.20
		Kampong	1.14	0.21	0.13	1.25	.....	0.45	2.23	6	5.40	10.53	10.53	20.20	20.20	20.20
		Kimengunge	0.21	3.12	1.14	1.13	0.61	0.18	0.11	7	7.20	18.07	7.07	33.37	25.80	25.80
		Arra	1.00	1.65	0.36	.....	0.39	2.50	5.40	5	9.90	11.67	4.41	20.42	21.01	21.01
	North Bhagulpore.	Purneah	3.00	0.74	1.63	1.24	.....	0.35	1.09	6	6.65	11.91	4.23	21.37	18.13	18.13
		Maddapore	1.52	.....	0.56	1.35	.....	0.70	0.44	5	4.67	4.90	4.90	14.91	15.53	15.53
		Scopool	0.82	.....	.....	3.81	.....	0.41	.....	3	5.04	5.70	4.38	13.45	16.31	16.31
		Darbhanga	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Durbhunga	Tajpore	.....	2.20	1.45	.....	.....	0.29	.....	3	4.00	5.90	4.77	13.17	13.98	13.98
		Durbhunga	1.34	0.05	0.35	0.34	.....	0.00	0.08	4	2.25	3.02	5.40	10.37	14.76	14.76
		Madhubani	0.6	1.26	0.11	3.18	.....	.....	0.09	5	4.16	6.65	3.94	14.12	14.19	14.19
	
	Mouafferpore	Bitamarhi	1.35	2.12	0.51	3.83	.....	.....	.....	.....	.....	.....	4.43	.....	.....	.....
		Mouafferpore	0.20	0.45	0.80	0.89	0.04	0.03	.....	6	1.60	3.65	4.26	10.92	13.83	13.83
		Hajipore	1.08	1.08	0.01	0.89	1.75	0.22	0.13	6	9.07	10.26	3.73	19.92	11.00	11.00
		Hajipore	1.08	1.08	0.01	0.89	1.75	0.22	0.13	6	9.07	10.26	3.73	19.92	11.00	11.00
	Chumbarun	Mothari	0.09	5.86	2.70	0.29	0.09	0.17	0.17	6	7.80	7.80	4.00	17.97	18.94	18.94
		Bettiah	0.32	4.00	0.82	0.35	0.09	0.17	0.17	6	6.43	8.13	6.07	17.77	18.40	18.40
	
	
Sara	Gopalpore	0.02	0.68	5.71	0.78	0.14	0.14	0.14	6	7.40	9.18	4.27	17.84	18.76	18.76	
	Sara	0.25	0.60	3.08	0.12	0.50	0.02	0.75	7	4.33	4.46	4.43	13.84	13.00	13.00	
	Chuprah	1.29	1.32	1.96	.....	.....	1.09	0.33	5	5.98	6.76	4.09	13.18	10.86	10.86	
	Chuprah	1.29	1.32	1.96	.....	.....	1.09	0.33	5	5.98	6.76	4.09	13.18	10.86	10.86	
NORTH BENGAL	Shahabad	Buzar	.....	1.00	1.23	.....	.....	0.20	0.80	4	3.23	4.21	3.75	8.07	9.31	9.31
		Dehra	.....	0.18	0.62	.....	.....	1.60	0.35	4	3.75	4.21	3.75	8.07	9.31	9.31
		Rhubooh	.....	0.02	.....	0.33	0.02	0.10	0.35	4	2.06	3.61	3.91	4.42	9.86	9.86
		Samsaram	.....	0.46	.....	.....	.....	1.10	0.24	4	1.97	2.73	3.35	5.61	6.65	6.65
	Gya	Arrah	.....	2.45	1.65	0.06	0.07	0.80	0.03	7	5.20	6.04	3.72	10.37	10.04	10.04
		Aurungabad	.....	0.10	0.24	.....	0.50	0.51	0.38	5	2.65	3.65	3.86	11.12	10.37	10.37
		Gya	0.03	1.34	0.20	0.53	0.08	0.73	0.09	7	2.07	4.01	3.01	8.41	11.03	11.03
		Nowadah	.....	0.45	0.04	1.00	.....	0.14	0.29	5	1.02	2.73	4.32	5.22	41.73	41.73
	Patna	Jehannabad	.....	.....	2.09	.....	1.45	0.12	0.43	4	4.11	5.30	3.07	9.76	10.06	10.06
		Patna	.....	0.25	2.77	0.05	0.60	0.29	0.21	6	4.17	5.29	3.83	13.50	12.44	12.44
		Dinapore	.....	1.83	1.05	0.10	0.83	0.57	0.13	7	5.46	6.17	5.01	11.49	11.49	11.49
		Behar	.....	0.03	0.55	.....	0.09	0.50	0.20	5	1.67	2.61	4.02	5.03	13.03	13.03
	Monghyr	Barh	.....	0.02	0.95	0.15	0.06	1.09	0.20	7	2.03	4.48	4.08	9.07	11.77	11.77
		Hekosora	1.12	.....	.....	.....	0.19	.....	0.18	3	1.40	3.20	4.09	0.14	11.60	11.60
		Monghyr	0.22	.....	1.34	0.21	0.29	0.56	0.56	5	2.63	3.96	4.30	11.20	11.44	11.44
		Jamui	0.62	0.67	0.22	0.45	1.15	0.17	0.19	7	3.17	4.09	4.10	12.62	12.17	12.17
	South Bhagulpore.	Bhagulpore	0.09	0.06	.....	0.40	.....	.....	1.09	4	1.70	3.27	3.40	10.20	12.36	12.36
		Bhagulpore	.....	0.30	.....	.....	.....	.....	0.20	2	0.70	1.33	4.22	6.79	23.01	23.01
		Bhagulpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Bhagulpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ronthal Pergunnahs.	Rajmehal	0.43	.....	.....	0.25	0.20	.....	0.12	4	1.06	4.35	4.83	10.75	17.17	17.17	
	Gonda	.....	0.15	.....	0.37	0.58	.....	0.05	4	1.15	2.40	3.98	9.23	12.00	12.00	
	Pakour	.....	.....	.....	0.19	0.03	.....	0.18	3	0.63	1.61	4.40	12.93	16.19	16.19	
	Nya Dookha	.....	0.20	.....	0.30	.....	.....	0.43	3	1.14	3.43	4.22	8.34	13.76	13.76	
NORTH BENGAL	Hazaribagh	Deoghur	.....	0.10	.....	.....	0.29	0.79	3	1.23	2.50	4.78	8.17	15.61	15.61	
		Jamui	.....	.....	0.32	1.54	0.08	1.54	.....	4	3.43	5.74	3.40	12.53	14.48	14.48
		Pachamba	.....	.....	0.13	0.11	1.69	1.00	0.37	5	3.25	4.02	5.00	8.17	14.60	14.60
		Hazuribagh	.....	0.30	.....	.....	0.01	0.11	0.30	4	0.85	1.90	4.92	8.39	14.21	14.21
Lohardugga	Sonagurh	.....	.....	.....	.....	.....	0.45	0.20	2	0.65	2.21	4.40	6.29	10.58	10.58	
	Musnud Hill	.....	.....	.....	.....	.....	.....	0.70	1	0.70	1.88	6.04	6.73	14.63	14.63	
	Lohardugga	.....	0.24	0.99	0.02	.....	1.09									

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 11TH JULY 1884.**

At the end of last week ordinary monsoon winds, slightly above average strength, were established over the Province, and were giving general rain, smallest in amount over the coast districts of Orissa and South Bengal, and heaviest in the interior or over Behar and North Behar. No marked change in the weather occurred until the 8th, when an atmospheric whirl began to form at the head of the Bay. This is the fourth of the present south-west monsoon period. Winds shifted round to north on that day at the stations near the head of the Bay, and the rainfall in the interior diminished considerably in amount. The barometer fell rapidly on the 9th and 10th, the northerly winds in South-West Bengal and Orissa strengthened somewhat with the increasing strength of the whirl, and local showers of little importance fell over the Province. This short break in the rains was terminated by the passage of the vortex across the Balasore coast on the 11th, when southerly winds were again established over the whole of the Bengal coast, and gave general rain to the whole Province. The whirl crossed into the Central Provinces, and advanced over the head of the Peninsula, and has given heavy rain over the tract of country covered by it. It ceased to influence the weather in Bengal after the 12th.

Pressure.—Was considerably above the average at the commencement of the week. It gave way steadily from the 5th until the 10th, during which period the barometer fell $\cdot 8''$ in Orissa and South-West Bengal, $\cdot 22''$ in Behar and $\cdot 2''$ in East and North Bengal. This continuous fall was chiefly due to the formation of a barometric depression and small atmospheric whirl near the head of the Bay. Pressure began to recover on the 11th, when the centre of the whirl crossed the Balasore coast.

The mean pressure of the week was considerably below the normal. The deficiency averaged $\cdot 03''$ in East Bengal and South Behar, $\cdot 04''$ in Chutia Nagpur, $\cdot 05''$ in South-West Bengal and North Behar, and $\cdot 07''$ in Orissa.

Temperature.—The temperature variations are strictly related to the distribution of rainfall. The mean temperature of the week was $\frac{1}{2}^{\circ}$ below the normal in Orissa and Chutia Nagpur, $1\frac{1}{2}^{\circ}$ in North Behar and 2° in South Behar. It was 1° above it in South-West Bengal. The only station which registered a maximum temperature exceeding 100 was Buxar, where the highest temperature of the week was $103\cdot 4^{\circ}$.

Winds.—During a considerable portion of the week the winds were mainly dependent upon the whirl at the head of the Bay. Normal monsoon winds obtained in every part of the Province at the beginning of the week. They fell off in strength, more especially in Bengal, on the 6th and 7th. Winds from directions between north-east and north-west were established on the 8th over the greater part of South-West Bengal and Orissa. The wind directions in the remainder of the Province continued practically unaltered in direction. With the westerly advance of the disturbance across the Balasore coast on the 11th, southerly winds of moderate strength again set in over South Bengal, and established ordinary monsoon conditions over the Province.

Rainfall.—Average or abundant rain has fallen in almost every part of the Province during the week. The chief features in the rainfall of the past week are the large amounts that have fallen over nearly the whole of North Behar, and locally in the Julpigoree and Cooch Behar districts, and the small amounts that have fallen in several districts of Central Bengal, more especially Furreedpore, Bogra, Pubna, and Rajshahye.

Moderate to heavy general rain was received in East and North Bengal and Behar on the 5th, 6th, and 7th. Some very heavy local rainfalls occurred during this period in portions of North Behar and the northern districts of North Bengal. The following rainfalls exceeding five inches were registered during this period in those areas:—

Siligori	..	..	..	6·5	inches on the 5th.
Buxa	..	..	..	5·4	ditto ditto.
Do.	..	..	..	9·6	ditto 7th.
Matabhanga in Cooch Behar	..	..	..	5·97	ditto ditto.
Gopalgunge in the Mozufferpore district	..	..	..	5·71	ditto ditto.
Hajipore in the Sarun district	..	..	..	5·01	ditto ditto.

Local showers giving generally small amounts were received during this period in South-West Bengal, Orissa and Chutia Nagpur. The rainfall of the 8th was much less general. The northern districts of North Bengal again received heavy rain. The only reported amount exceeding 5 inches was 5·9 inches at Cooch Behar. Moderate and fairly general rain also fell in Behar. The influence of the whirl or disturbance at the head of the Bay was clearly shown on the 9th and 10th. Rainfall was, during these two days, general only in South-West Bengal and Orissa, which received moderate, but fairly uniformly distributed rain. Local showers occurred in the remaining divisions. After the advance landwards of the whirl, rainfall extended over the whole Province almost immediately, and general rain was received in every division on the 11th, heaviest in the western districts of South-West Bengal and in Chutia Nagpur. The total rainfall of the week was approximately normal in Dinagepore, Rungpore, Barrisal, Noakhally, Pooree, Midnapore, 24 Pergunnahs, Howrah, Hooghly, and Jessore.

Rajshahye and Furreedpore received only between 30 and 40 per cent. of their normal amount; Bogra and Pubna between 40 and 50 per cent., the Sonthal Pergunnahs, Haza-

ribagh, Burdwan, and Dacca between 50 and 60 per cent., Ranchee, Balasore, Mymensingh, and Nuddea between 60 and 70 per cent., and Bhagulpore, Moorshedabad and Jessore, between 70 and 86 per cent.

The average total amounts received in the Julpigoree, Motihari, Purneah, and Chyebassa districts were between two and two and a half times the normal amounts. The Patna, Gya, Shahabad, Durbhunga, Mozufferpore, and Commillah districts received amounts which were between 25 and 50 per cent. in excess of their normal fall for the week, Outtack received an excess of 55 per cent., and the Sarun district of 80 per cent.

The following table shows that North Behar received an average amount of 5.72 inches as compared with a normal average of 2.79 inches. The only division in which this average rainfall was markedly below the normal was Chutia Nagpur. Hence the irregularities in the distribution of the rainfall have nearly compensated each other in the cases of South-West Bengal, North and East Bengal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 11th July 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.				Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st of May.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average.		Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.	
Orissa	83.9	76.6	82.7	79.4	81.1	-0.3	2.60	2.00	0	5.5	3.3	-0.3	4.30	4.05	15.45	15.03	
South-West Bengal	82.4	70.8	81.4	79.8	80.6	+1.2	2.12	2.42	-0.30	5.6	4.4	-0.8	3.30	3.76	15.24	16.54	
East Bengal	81.8	75.0	80.0	78.0	82.3	+0.7	2.75	3.30	-0.55	5.0	5.0	0	5.00	4.40	20.78	24.13	
North Bengal	84.4	74.1	83.8	77.8	83.8	-	4.00	3.02	+0.84	4.5	4.5	+0.3	5.71	5.10	38.25	38.06	
North Behar	85.5	74.0	80.7	78.0	83.4	-1.4	5.72	2.93	+2.79	5.3	3.6	+1.7	7.76	4.99	16.80	15.16	
South Behar	103.4	75.4	89.5	78.3	83.9	-1.9	2.92	2.47	-0.05	4.7	3.7	+1.0	3.95	4.09	10.03	12.51	
Chutia Nagpur	87.5	73.8	84.6	73.8	79.2	-0.4	1.77	2.63	-0.78	3.7	4.6	-0.8	3.53	4.30	8.98	13.46	

* Degree not included.

† Chyebassa not included

METEOROLOGICAL OFFICE, BENGAL;

The 14th July 1884.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

MEMORANDA.

The mortuary returns of the districts in Bengal, for the month of May 1884, disclose the following results:—

1. That 115,777 persons died among a population of 66,163,884 living, representing an annual death-rate of 20·88 per 1,000, against 24·00 per 1,000 in the preceding month, and 16·32 per 1,000 in the corresponding month of 1883.

2. That the highest proportions of deaths were returned from the following districts:—

Districts.	Ratio per mille.	Districts.	Ratio per mille.
Rajshahye ...	41·88	Birbhum ...	27·36
Balasore ...	41·52	Maldah ...	27·36
Nuddea ...	41·16	Sarun ...	26·64
Pubna ...	36·96	Burdwan ...	25·44
Backergunge ...	34·44	Gya ...	25·08
Murshidabad ...	34·08	Bhagulpore ...	24·60

3. That the principal diseases exhibited in the table appended to his memoranda presented the rates of mortality exhibited below in comparison with the mortality from the same causes during the corresponding month of 1883:—

	Ratio per mille.	Ratio per mille during—	
		May 1884.	May 1883.
Cholera	3·60	2·28
Small-pox	·60	·24
Fever	12·84	10·68
Bowel-complaints	·84	·72
Injury	·36	·36
Other causes	2·40	1·80

showing that there was a noticeable increase of mortality from every death-cause excepting injury, the death-rate from which remained stationary.

4. That while the casualties from bowel-complaints and injury did not exceed the normal numbers generally, cholera, small-pox, fever and the diseases classed under the head of "Other causes" displayed their greatest activity in the following districts:—

Cholera.			Fever.			Other causes.		
	Ratio per mille.			Ratio per mille.			Ratio per mille.	
Balasore ...	24·72	Sonthal Per-	6·00	Burdwan ...	3·60	Poori ...	10·80	
Rajshahye ...	16·32	gunnahs ...	5·28	Jessore ...	3·60	Sarun ...	8·28	
Backergunge ...	11·88	Khulna ...	5·04	Dacca ...	3·48	Balasore ...	6·00	
Murshidabad ...	10·92	Faridpore ...	4·32	24-Pergunnahs ...	3·36	Backergunge ...	5·88	
Nuddea ...	10·80	Howrah ...	4·32	Cuttack ...	2·88			
Maldah ...	9·12	Mymensing ...	4·08	Midnapore ...	2·64			
Pubna ...	8·04	Bankura ...	4·08	Patna ...	2·40			
Manbhum ...	7·80	Birbhum ...	4·08	Bhagulpore ...	2·40			
Small-pox.			Fever.			Other causes.		
	Ratio per mille.			Ratio per mille.			Ratio per mille.	
Sarun ...	4·08	Pubna ...	26·64	Poori ...	10·80			
Gya ...	3·84	Nuddea ...	24·24	Sarun ...	8·28			
Chumparun ...	2·88	Rajshahye ...	24·24	Balasore ...	6·00			
Patna ...	2·52	Murshidabad ...	21·48	Backergunge ...	5·88			

5. That the death-rates under the heads of Sex, Class and Age stand as indicated below:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males ...	23·16	Christians ...	13·20	Under 1 year ...	115·20
Females ...	18·72	Hindus ...	20·04	1 and under 5 years ...	26·76
Ratio of male deaths to every 100 female deaths ...	121	Mahomedans ...	23·28	5 and under 10 " ...	12·48
		Budhists ...	14·64	10 and under 15 " ...	10·80
		Other classes ...	16·44	15 and under 20 " ...	15·96
				20 and under 30 " ...	15·24
				30 and under 40 " ...	16·82
				40 and under 50 " ...	20·04
				50 and under 60 " ...	27·24
				60 years and upwards ...	40·56

B. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 14th July 1884.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of May 1884.

DIVISIONS.	DISTRICTS.	POPULATION.		DEATHS FROM—										RATIO PER 1,000 OF POPULATION PER ANNUM.				COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		Ratio of male deaths to every 100 female deaths.			
		Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Ratio of deaths per 1,000 of population in the previous month.	Ratio of deaths per 1,000 of population in the corresponding month of the previous year.	Males.		Females.		
BURDWAN	Burdwan	668,595	725,558	1,394,153	421	36	2,190	60	34	295	2,007	5,000	12	18,241	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	607,188	531,118	1,138,306	277	11	1,166	89	21	309	1,807	4,000	10	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Medinipur	881,865	411,885	1,293,750	277	11	1,166	89	21	309	1,807	4,000	10	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
		1,294,574	1,573,528	2,868,102	975	58	3,592	258	76	923	3,614	13,000	22	31,125	1,441	44	5,000	25,141	31.90	25.56	2,408	3,750	24.14	22.61	118
RAJSHAH AND COCH BEHAR	Hughli	318,598	346,227	664,825	18	10	686	67	10	68	424	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Scrimpoore	174,366	177,590	351,956	45	13	134	67	6	68	424	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
		492,964	523,916	1,016,880	137	23	904	124	27	101	1,411	1,441	2	11,004	1,441	44	5,000	25,141	31.90	25.56	2,408	3,750	24.14	22.61	118
	Total	816,479	816,902	1,633,381	238	11	1,672	165	44	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
PRESIDENCY	24 Pargannahs	894,420	894,420	1,788,840	625	11	1,160	160	44	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Nudda	800,779	800,779	1,601,558	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Jessore	990,101	990,101	1,980,202	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Meerutabad	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
RAJSHAH AND COCH BEHAR	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Dumraoore	782,292	782,292	1,564,584	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Raspoore	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Raspoore	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
Dacca	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
CHITTAGONG	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
PATNA	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
BEHALPORE	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
ORISSA	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
CHOTA NAAGPORE	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,886	1,192	34	1,166	160	114	185	1,000	1,441	1	12,444	1,441	44	5,000	25,141	31.90	25.56	1,204	1,875	24.14	22.61	118
	Bankura	686,443	686,443	1,372,																					

R. LIDDEDALE,

ANGAL,

COMMISSIONER FOR B
July 1984

OFFICE OF SANITARY
The 14th

MEMORANDA.

1. Births and deaths were registered in the first class Municipalities in Bengal during the week ending 28th June 1884, at the rates, respectively, of 16.0 and 26.9 per 1,000 of population, against 18.2 and 25.4 per 1,000, respectively, during the preceding week ending 21st June, indicating an improvement in the registration of deaths, and a decline in that of births.

2. In the following Municipalities births and deaths are reported to have been recorded at the highest rates:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Bhagulpore	...	32.6	Poori	...	100.2
			Bhagulpore	...	49.7
			Darjiling	...	39.1
			Gya	...	34.2
			Suburbs of Calcutta	...	33.5
			Midnapore	...	31.0
			Burdwan	...	29.0

3. The principal diseases, specified in the table appended to this memoranda, proved fatal at the rates exhibited below, in comparison with the rates of the preceding week:—

			Ratio per mille during weeks ending—	
			28th June 1884.	21st June 1884.
Cholera	...	...	8.9	2.9
Small-pox	...	...	1.5	1.5
Fever	...	...	10.6	10.7
Bowel-complaints	...	...	3.1	3.4
Injury	...	...	.7	.4
Other causes.	...	...	7.1	6.6

The noticeable points disclosed by the above figures are that, while the mortality from small-pox, fever and bowel-complaints indicate no variation, the death-rate from cholera exhibited an increase to the extent of one per 1,000 of population.

4. Of the abovenamed diseases, cholera, small-pox, fever, bowel-complaints and the diseases classed under the head of "Other causes" were most fatal in the following Municipalities:—

Cholera.			Small-pox.			Fever.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Poori	...	85.6	Beaulah	...	10.5	Darjiling	...	32.6
Arrah	...	12.0	Bhagulpore	...	7.2	Burdwan	...	21.4
Chittagong	...	11.7	Gya	...	2.7	Purneah	...	20.8
Suburbs of Calcutta	...	6.2	Dacca	...	2.6			
Bhagulpore	...	2.7						
Dacca	...	2.6						

Bowel-complaints.			Other causes.		
		Ratio per mille.			Ratio per mille.
Bhagulpore	...	9.9	Poori	...	17.1
Hughli	...	8.0	Midnapore	...	15.5
			Bhagulpore	...	15.4
			Dacca	...	10.4
			Suburbs of Calcutta	...	10.3
			Gya	...	10.2

It will be noticed that cholera prevailed with marked severity in the Poori town and fever in the Darjiling Municipality. Most of the mortality from cholera in Poori is reported to have occurred among the pilgrims during the Rath Jatra festival.

5. The mortality of the week, classified under the heads of Sex, Class and Age, stands as follows:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	28.8	Christians	...	8.7	Under 1 year	...	218.7
Females	...	24.8	Hindus	...	28.4	1 and under 5 years	...	42.7
Ratio of male deaths to every 100 female deaths	...	131	Mahomedans	...	28.7	5 " 10 "	...	18.7
			Budhist	...	48.4	10 " 15 "	...	10.4
			Other classes	...	36.4	15 " 20 "	...	20.9
						20 " 30 "	...	14.0
						30 " 40 "	...	18.5
						40 " 50 "	...	20.4
						50 " 60 "	...	27.9
						60 years and upwards	...	45.9

B. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 14th July 1884.

Statement showing the Results of the Registration of Births and Deaths in the First Class Municipalities in Bengal during the week ending 28th June 1884

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DISTRICTS.		NAMES OF MUNICIPALITIES.		POPULATION.				BIRTHS.				MORTALITY ACCORDING TO—								Sex.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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						Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Cholera.			Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Ratio of deaths per 1,000 of population per annum in the previous week.	Males.	Females.	Ratio of male deaths to every 100 female deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Burdwan	Burdwan	18,643	14,017	34,080	7	1	8	107	15	132	700	14

		13		14		15		16		MORTALITY ACCORDING TO—									
										Age.									
										Ratio per 1,000 of Population per Annum.									
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OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 14th July 1884.

**R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.**

PUBLIC WORKS DEPARTMENT - BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low water on the Rivers Ganges, Bhagirathi, Jhellinghee, and Brahmapootra for the month of June 1884.

Date.	Distance.	RIVER GANGES.										RIVER BHAGIRATHI.		RIVER JHELLINGHEE.		RIVER BRAHMAPOOTRA.	
		Mirzapore.	Benares.	Buxar.	Dinapore.	Monohr.	Saibhuanee.	Rampore Beateeth.	Goalundo.	Berhampore.	Krishnaghar.	Berhampore.	Krishnaghar.	Berhampore.	Krishnaghar.	Berhampore.	Krishnaghar.
		From Allahabad ... 94.	From Allahabad ... 134.	From Allahabad ... 46.	From Allahabad ... 90.	From Allahabad ... 177.	From Allahabad ... 87.	From Allahabad ... 267.	From Allahabad ... 110.	From Allahabad ... 381.	From Allahabad ... 94.	From Allahabad ... 471.	From Allahabad ... 90.	From Allahabad ... 501.	From Allahabad ... 180.	From Allahabad ... 180.	From Allahabad ... 180.
		Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over zero of gauge, sea-level.
1st	...	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21	Below zero 204.21
2nd	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
3rd	...	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
4th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
5th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
6th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
7th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
8th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
9th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
10th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
11th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
12th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
13th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
14th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
15th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
16th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
17th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
18th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
19th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
20th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
21st	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
22nd	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
23rd	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
24th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
25th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
26th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
27th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
28th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
29th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58
30th	...	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58

G. F. E. S. NEILL, Major, M.B.C.,
Under-Secy. to the Government of Bengal.

Dated 15th July 1884.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals classed as Productive Public Works for the month of May 1884.

ORISSA CIRCLE.

Taldundah Canal.

LENGTH OF CANAL OPEN—27½ MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
...	NU	...	...	...	...	...	...	...
...	Total	...	...	...	...	...	...	...
...	Total of same month last year	...	...	...	...	...	...	...

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	
...	NU	...	...	...	...	...	...	...
...	Total	...	...	...	...	...	...	...
...	Total of same month last year	...	...	...	...	...	...	...

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
...	Private, including miscellaneous	...	...	...	NU	...	...	...
...	Government stores, including ditto	...	...	...	NU	...	...	...
...	Grand Total	...	...	...	...	...	...	...
...	Grand Total of same month last year	...	...	...	...	...	...	...

MEMO.

			Rs. A. P.
Unrecovered balance on the 1st of the month	...	...	199 4 6
Amount of tolls for the month	...	...	...
Amount credited in the accounts for the month	...	...	...
Balance at the end of the month	...	...	...

The canal was closed for annual repairs from 1st May 1884.

Kendrapara Canal and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN—69 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.				Rs. A. P.	A. P.
1	Jaggery	100	500	195	7	84	1 15 6	...
1	Tamarind	20	50	26	2	24	0 10 10	...
	MISCELLANEOUS.							
1	Empty boat	...	...	77	3	36	1 8 0	...
3	Total	120	550	222	12	144	4 2 4	0 4 1
13	Total of same month last year	20	100	269	25	244	12 2 5	0 3 8

Kendrapara Canal and its Branch to Gundakia on the Gobri River—concluded.

Number of boats.	Nature of Cargo.	APPROXIMATE.		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

(1)—STORES AND MATERIALS FOR IRRIGATION WORKS.

NU	Mds.	Rs.				Rs. A. P.	A. P.
Total							
Total of same month last year							

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	A. P.
Private, including miscellaneous	120	550	338	19	144	4 2 4	
Government stores, including ditto							
Grand Total	120	550	338	19	144	4 2 4(a)	
Grand Total of same month last year	20	100	969	35	544	12 2 2	

(a) Of this, Rs. 1-1-8 is the collection of Kendrapara Canal Locks and Rs. 3-0-8 is the collection of Gobri Canal Lock.

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	7,497 6 6
Amount of tollage for the month	4 2 4
Total	7,501 8 10
Amount credited in the accounts for the month	2,955 1 11
Balance at the end of the month	4,545 6 11

The canal was closed for annual repairs from 1st May 1884.

High Level Canal, Range I.

LENGTH OF CANAL OPEN—34 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

NU	Mds.	Rs.				Rs. A. P.	A. P.
Total							
Total of same month last year	10	10	50	2	5	0 4 9	0 11 0

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

NU	Mds.	Rs.				Rs. A. P.	A. P.
Total							
Total of same month last year							

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	A. P.
Private, including miscellaneous							
Government stores, including ditto							
Grand Total							
Grand Total of same month last year	10	10	50	2	5	0 4 9	

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	200 1 3
Amount of tollage for the month	
Total	200 1 3
Amount credited in the accounts for the month	101 8 0
Balance at the end of the month	44 9 3

The canal was closed for annual repairs from 1st May 1884.

High Level Canal, Range II.

LENGTH OF CANAL OPEN—12½ MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

Number of sds.	Nature of Cargo.	APPROXIMATE		Tonnage of Boats.		Ton- mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
		Mds.	Rs.				Rs. A. P.	A. P.
Nil								
	Total							
	Total of same month last year						5 6 6	

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil								
	Total							
60	Total of same month last year	8,850	190	22,590	821	9,846	241 13 0	0 47

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
	Private, including miscellaneous							
	Government stores, including ditto							
	Grand Total							
60	Grand Total of same month last year	8,850	190	22,590	821	9,846	247 3 6	

Memo.

Unrecovered balance on the 1st of the month							Rs. A. P.	
Amount of tollage for the month							936 13 0	
Amount credited in the accounts for the month						Total	936 13 0	
Balance at the end of the month							700 4 6	
							230 8 6	

The canal was closed for annual repairs from 1st May 1884.

High Level Canal, Range III.

LENGTH OF CANAL OPEN—20 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil								
	Total							
	Total of same month last year							

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil								
	Total							
	Total of same month last year							

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	A. P.
	Private, including miscellaneous							
	Government stores, including ditto							
	Grand Total							
	Grand Total of same month last year							

Memo.

Unrecovered balance on the 1st of the month							Rs. A. P.	
Amount of tollage for the month							409 1 3	
Amount credited in the accounts for the month						Total	409 1 3	
Balance at the end of the month							372 2 3	
							80 15 0	

The canal was closed for annual repairs from 1st May 1884.

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—58 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.				Rs. A. P.	A. P.
183	Paddy	20,294	32,012	66,400			908 12 8	
263	Rice	46,202	1,00,000	1,08,125			1,102 11 0	
1	Wheat	160	750	800			2 10 0	
107	Gram	22,135	56,682	46,500			467 12 0	
527	Fruits and vegetables	28,262	40,045	67,065			461 10 6	
51	Sugar, unrefined	7,195	28,176	16,100			94 6 2	
130	Salt	44,000	1,29,015	1,00,775			1,437 14 0	
1	Oil	50	200	150			3 1 0	
8	Fish	30	140	150			0 15 0	
2	Betelnuts	320	3,180	750			3 15 0	
29	Betel leaves	520	3,080	3,305			27 14 0	
8	Cocoanuts (8,800 in number)	352	315	1,200			23 2 0	
25	Card	3,075	6,350	8,250			60 15 0	
1	Potatoes	30	80	100			3 10 0	
STIMULANTS.								
20	Tobacco	2,908	21,305	8,235			31 1 6	
CLOTHING.								
4	Cotton piece-goods (Indian)	40	4,000	360			1 10 0	
3	Ditto ditto (European)	685	17,250	775			3 16 6	
STAPLES OF MANUFACTURE.								
41	Brass	5,485	2,34,500	10,485			161 7 0	
24	Copper	6,225	1,88,850	14,000			122 8 0	
2	Iron	235	1,880	600			5 4 0	
1	Silk	10	1,000	300			1 12 0	
3	Cotton	550	9,140	1,600			12 2 0	
44	Cotton twist and yarn (European)	8,085	2,67,850	17,350			164 12 0	
6	Jute	875	3,450	2,275			16 8 6	
6	Hides (4,540 in number)	850	9,250	3,075			26 7 6	
1	Horns	80	940	225			1 15 6	
17	Licensed	4,800	17,650	13,825			167 15 6	
8	Other oil-seeds	700	2,237	1,450			12 11 0	
28	Mustard seed	4,750	19,110	10,450			78 14 0	
1	Til seed	40	120	175			1 5 0	
BUILDING MATERIALS.								
6	Brick (24,500 in number)	1,550	122	3,375			12 10 6	
1	Tiles (1,500 in number)		6	575			5 0 6	
2	Lime	830	8,240	1,140			16 1 6	
27	Sand	12,800	1,250	23,425			105 6 0	
50	Unwrought timber and piles (2,545 in number)	5,934	6,514	7,425			126 0 8	
1	Beams (iron)	180		350			10 8 0	
3	Bamboos (200 in number)	20	10				0 8 0	
LIVE-STOCK.								
1	Bullock, oxen and cow (2 in number)		18	50			0 7 0	
FUEL.								
31	Coal and coke	12,950	4,617	27,145			423 2 9	
19	Charcoal	6,950	4,235	15,000			220 6 0	
9	Firewood	2,520	1,230	5,400			71 0 6	
COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.								
26	Earthenware and pots	4,000	1,000	10,000			68 12 6	
2	Stone plates	40	120	425			3 8 6	
MISCELLANEOUS.								
977	Passenger boats			85,853			(a) 691 2 9	
1,189	Empty boats			1,21,060			1,024 13 0	
26	Straw (688 kahuns)	7,030	2,727	17,700			76 9 0	
8	Oil-cake	1,640	1,475	8,325			26 11 6	
9	Furniture	40	90	140			2 1 6	
7	Mats	305	2,500	2,125			34 10 0	
44	Miscellaneous	5,055	8,418	14,625			123 1 0	
17	Other oils	3,095	17,000	8,200			101 5 6	
2	Other saline substances	350	500	650			13 6 0	
8	Saji	550	1,000	1,125			9 13 6	
1	Kape coir	25	300	60			0 3 6	
	Demurrage, &c.						41 13 6	
3,753	Total	2,28,194	12,90,743	8,61,082	30,395	5,52,118	(b) 8,491 14 6	0 2 9
3,853	Total of same month last year	3,40,297	15,29,691	8,68,664	31,020	5,79,903	9,140 2 9	0 2 9

(a) This includes tolls on Calcutta Steam Navigation Company's steamers, piled to and from Ghatal, amounting to Rs. 577-2-4 recoverable from the Company.

(b) This includes tolls on the Narasinghur channel, amounting to Rs. 166-13-0.

Midnapore Canal—concluded.

	MEMO.	Rs. A. P.
Unrecovered balance on the 1st of the month	...	1,408 5 8
Amount of tollage for the month	...	8,491 16 6
	Total	9,899 4 2
Amount credited in the accounts for the month	...	8,151 9 6
Balance at the end of the month	...	1,806 10 8

Hidjellee Tidal Canal.

LENGTH OF CANAL OPEN—29 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.			Rs. A. P.	A. P.
305	Paddy	53,935	60,790	1,10,505	...	1,607 10 8	...
153	Rice	31,540	31,940	60,800	...	673 0 6	...
4	Gram	925	75	2,000	...	18 12 0	...
31	Fruits and vegetables	1,890	1,670	4,840	...	61 6 6	...
17	Jaggery	1,650	4,077	4,530	...	70 12 0	...
58	Salt	11,425	25,195	26,160	...	362 16 0	...
46	Oil	2,491	20,770	8,255	...	115 15 0	...
	STIMULANTS.						
116	Tobacco	9,490	50,570	28,610	...	384 7 8	...
	CLOTHING.						
31	Cotton piece-goods (European)	1,985	49,625	9,105	...	128 8 3	...
	STAPLES OF MANUFACTURE.						
2	Jute	600	2,500	1,800	...	23 9 0	...
1	Hides	50	1,250	125	...	0 13 9	...
1	Mustard seed	200	150	575	...	3 15 3	...
	BUILDING MATERIALS.						
2	Brick	400	40	1,100	...	7 9 0	...
1	Tiles	300	40	550	...	9 15 6	...
14	Glooting lime	2,280	1,612	4,630	...	31 13 3	...
1	Sand	100	50	250	...	1 11 6	...
8	Unwrought timber and piles	815	1,200	950	...	15 0 9	...
1	Bamboos	10	0	10	...	0 6 0	...
	FUEL.						
8	Coal and coke	2,950	737	5,575	...	77 11 3	...
5	Firewood	280	145	800	...	7 7 6	...
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.						
2	Earthenware and earthen pots	80	25	200	...	3 4 0	...
	MISCELLANEOUS.						
57	Passenger boats	...	...	4,155	...	45 11 6	...
440	Empty do.	...	...	51,245	...	500 12 6	...
49	Straw	10,040	4,495	21,835	...	151 1 0	...
4	Mats	650	3,200	1,472	...	10 5 3	...
11	Miscellaneous	200	1,800	1,400	...	6 9 0	...
1,392	Total	1,34,276	3,09,324	3,50,890	12,746	248,524	4,360 3 9
2,119	Total of same month last year	2,48,275	3,69,808	6,23,310	22,261	404,214	8,148 10 3

(3)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.			Rs. A. P.	A. P.
1	Brick	300	150	675	...	4 10 3	...
9	Glooting	1,200	800	2,200	...	24 12 0	...
	MISCELLANEOUS.						
1	Stores, &c.	200	2,000	250	...	6 5 6	...
11	Total	1,700	2,450	3,225	115	2,041	25 11 9
2	Total of same month last year	450	6,100	1,025	37	901	15 12 3

Hidgellie Tidal Canal—concluded.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Mauuds.	Tons.			
1,362	Private, including miscellaneous ...	1,34,276	3,00,328	3,50,890	12,746	248,624	4,356 3 9	.....
11	Government stores, including ditto ...	1,700	2,450	3,336	116	2,041	50 11 0	.....
1,373	Grand Total ...	1,36,076	3,02,778	3,50,115	12,861	250,665	4,391 15 6	.....
2,121	Grand Total of same month last year ...	2,48,755	5,70,068	6,24,335	22,298	405,115	8,164 6 6	.....

ABSTRACT.

	Mds.	Rs.				Rs. A. P.
Unrecovered balance on the 1st of the month	1,511 13 9
Amount of tollage for the month	4,391 15 6
Amount credited in the accounts for the month	5,703 13 3
Balance at the end of the month	4,549 10 6
						1,154 2 9

SONE CIRCLE.

Eastern Main and Patna Canals.

LENGTH OF CANAL OPEN—86½ MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.			Rs. A. P.	A. P.
4	Paddy ...	220	340	793	281	1,101	11 0 9
3	Rice ...	9	119	150	51	219	2 2 0
1	Fruits and vegetables ...	325	650	40	102	1,371	14 1 0
2	Jaggery ...	400	500	787	50	920	0 11 6
3	Sugar ...	550	5,500	887	312	2,643	20 11 8
20	Salt ...	6,722	17,330	11,121	384	30,661	292 13 3
	STIMULANTS.						
12	Opium ...	2,050	3,80,040	5,647	201	12,745	131 5 0
12	Tobacco ...	2,410	7,000	4,065	178	9,415	95 7 9
8	Opium leaves ...	...	...	1,761	62	3,900	40 7 6
	STAPLES OF MANUFACTURE.						
3	Iron ...	...	...	1,137	41	3,150	52 5 0
3	Hides ...	600	4,000	1,373	40	3,130	34 9 3
81	Linseed ...	29,772	76,061	33,581	1,186	89,641	888 7 0
	BUILDING MATERIALS.						
2	Ashlar stones ...	...	...	527	19	941	0 7 4
6	Stone lime ...	1,500	600	2,000	74	6,120	62 8 0
3	Shulna ...	470	75	941	331	175	1 11 0
	Unwrought timber and piles (No. 5) ...	...	...	...	...	...	...
	Firewood (No. 1,100) ...	490	15,455	1,027	361	771	457 0 6
	Bullahs (No. 111,589) ...	...	...	...	...	...	...
17	Bamboo (No. 1,021,320) ...	1,395	1,735	4,500	162	4,277	62 3 0
	Ditto large ...	...	...	...	...	...	...
	FUEL.						
4	Coal and coke ...	119	45	795	381	995	12 1 3
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.						
1	Earthenware and earthenpots ...	10	5	165	6	120	1 3 6
	MISCELLANEOUS.						
7	Passenger boat, No. 62 ...	...	...	223	251	1,261	12 0 6
144	Empty do. ...	...	...	16,674	649	21,247	203 13 3
3	Passenger ...	50	500	500	20	921	0 5 9
45	Miscellaneous ...	8,922	18,610	11,830	422	20,800	245 9 0
1	Excess toll recovered ...	...	...	...	...	...	0 14 3
280	Total ...	3,785	5,24,034	1,02,550	3,680	222,014	2,563 5 0
	Total of same month last year ...	...	...	...	...	...	0 12

Eastern Main and Patna Canals—concluded.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunder.	Tons.			

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.				Rs. A. P.	A. P.
1	Bullish	100	125	236	81	177	1 13 8	.....
2	Building stones	800	120	1,100	401	2,187	12 11 6	.....
1	Portland cement	30	80	100	51	105	0 12 6	.....
1	Large bamboos	150	80	284	10	213	2 3 9	.....
1	Jhulas	100	20	171	6	1281	1 3 6	.....
MISCELLANEOUS.								
8	Empty boats	.....	.....	1,231	431	1,0571	9 3 3	.....
14	Total	1,180	425	3,101	114	4,4071	27 15 9	0 13
...	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
380	Private, including miscellaneous	53,785	5,24,074	1,02,550	3,630	2,22,011	2,558 5 6	.....
14	Government stores, including ditto	1,180	425	3,101	114	4,4071	27 15 9	.....
394	Grand Total	54,965	5,24,499	1,05,651	3,744	2,26,4181	2,586 5 3	.....
...	Grand Total of same month last year	.....	.....	.....	.....	.....	.....	.....

There were no receipts during May last on account of closure of canals.

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	.....	476 3 3
Amount of tollage for the month	.....	2,586 5 3
Total	.....	3,062 7 6
Amount credited in the accounts for the month	.....	2,580 10 9
Balance at the end of the month	.....	482 15 9

Western Main Canal.

LENGTH OF CANAL OPEN—22 Miles.

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
...	Nil	.....	.....	.....	.....	.....	.....	.....
...	Total	.....	.....	.....	.....	.....	.....	.....
82	Total of same month last year	37,027	58,020	48,000	1,744	17,440	319 12 0	0 35

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	
...	Nil	.....	.....	.....	.....	.....	.....	.....
...	Total	.....	.....	.....	.....	.....	.....	.....
1	Total of same month last year	200	10	350	12	450	2 3 3	0 10

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
...	Private, including miscellaneous	.....	.....	.....	.....	.....	.....	.....
...	Government stores, including ditto	.....	.....	.....	.....	.....	.....	.....
...	Grand Total	.....	.....	.....	.....	.....	.....	.....
83	Grand Total of same month last year	37,227	58,030	40,250	4,760	17,500	322 4 3	.....

Canal closed for silt clearance, &c.

Arrah Canal.

LENGTH OF CANAL OPEN—65 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

No.		Mds.	Rs.				Rs. A. P.	A. P.
...
...	Total	...	...	...	...	...	...	...
379	Total of same month last year	65,144	2,05,725	1,13,595	4,029	269,100	2,470 0 6	0 1 9

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

No.		Mds.	Rs.				Rs. A. P.	A. P.
...
...	Total	...	...	...	...	...	...	...
18	Total of same month last year	2,504	363	4,539	101	8,475	52 0 9	0 1 1

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	
Private, including miscellaneous	...	...	...	...	...	...	...
Government stores, including ditto	...	...	...	...	...	...	...
Grand Total	...	...	...	...	...	...	...
382	Grand Total of same month last year	67,648	2,06,090	1,18,134	4,100	267,085	2,522 1 3

Canal closed for silt clearance, &c.

	Memo.	Rs. A. P.
Unrecovered balance on the 1st of the month	...	2 14 6
Amount of tollage for the month
Amount credited in the accounts for the month
Balance at the end of the month (deficit)	...	18 15 6
		18 1 0

Buzar Canal.

LENGTH OF CANAL OPEN—45 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

No.		Mds.	Rs.				Rs. A. P.	Rs. A.
...
...	Total	...	...	...	...	...	...	...
392	Total of same month last year	59,022	90,191	65,999	2,354	85,574	1,239 12 9	0 2 7

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

No.		Mds.	Rs.				Rs. A. P.	A. P.
...
...	Total	...	...	...	...	...	...	...
1	Total of same month last year	...	...	100	3	108	0 11 6	0 1 2

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	
Private, including miscellaneous	...	...	...	...	...	...	...
Government stores, including ditto	...	...	...	...	...	...	...
Grand Total	...	...	...	...	...	...	...
393	Grand Total of same month last year	59,022	90,191	65,000	2,367	85,693	1,239 8 3

Canal closed for silt clearance, &c.

	Memo.	Rs. A. P.
Unrecovered balance on the 1st of the month	...	31 1 3
Amount of tollage for the month
Amount credited in the accounts for the month
Balance at the end of the month	...	31 1 3

ABSTRACT FOR THE MONTH OF MAY 1884.

CANAL	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.		REMARKS.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.		
ORISSA CIRCLE.						
Taldunda	218 4 8	336 13 9	Orissa canals remained closed during the month for annual repairs.	
Kendrapara	4 2 4	4,345 10 8	12 2 5	6,736 4 5		
High Level, Ranee 1	.....	501 13 0	6 4 9	1,054 8 3	
Ditto, ditto 11	.....	459 11 3	267 3 6	924 6 3	
Ditto, ditto 111	.....	130 8 3	.....	250 15 8
Total Orissa Circle	4 2 4	5,685 13 5	239 10 8	9,303 0 4		
SOUTH-WESTERN CIRCLE.						
Midnapore	8,401 14 6	16,066 2 3	9,140 2 0	19,376 14 9	Western Main Series of canals remained closed during the month for silt clearance, &c.	
Hidgallee Tidal	4,391 13 6	9,804 14 0	8,164 6 6	13,180 7 9		
Total South-Western Circle	12,683 14 0	25,931 0 3	17,304 9 3	32,557 6 0		
BONE CIRCLE.						
Eastern Main and Patna	2,586 5 3	5,114 15 6	.....	1,172 2 6	
Western Main	.....	.....	322 4 3	424 15 3
Arrah	.....	.....	2,523 1 3	3,408 14 0
Buxar	.....	.....	1,230 8 3	1,730 11 0
Total Bone Circle	2,586 5 3	5,114 15 6	4,074 13 9	6,745 10 9		
GRAND TOTAL	12,974 5 7	36,711 15 1	21,639 1 3	49,006 1 7		

GOVERNMENT TRANSPORT SERVICE.

CANAL.	TRAFFIC, 1884-85.						TRAFFIC, 1883-84.					
	During the month.			To end of the month.			During the corresponding month.			To end of the corresponding month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
ORISSA CIRCLE.												
Taldunda and Kendrapara	No. Mds.	Rs. A. P.	No. Mds.	Rs. A. P.	No. Mds.	Rs. A. P.	No. Mds.	Rs. A. P.	No. Mds.	Rs. A. P.	No. Mds.	Rs. A. P.
High Level	9 1,715	803 12 0	1,402 9,763	4,704 1 3	.....	.....	.....	.....	.....	.....	.....	.....
Total Orissa Circle	172 303	283 14 3	1,040 3,282	1,382 15 10	144 301	222 5 0	1,622 1,601	3,807 15 6	727 10 7			
SOUTH-WESTERN CIRCLE.												
Midnapore	9,538 694	780 0 0	27,932 1,072	1,500 0 0	10,877 320	1,060 0 0	22,501 732	2,000 0 0				
Total South-Western Circle	9,538 694	780 0 0	27,932 1,072	1,500 0 0	10,877 320	1,060 0 0	22,501 732	2,000 0 0				
BONE CIRCLE.												
Eastern Main and Patna	.....	625 387 13 9	.....	625 657 13 9	.....	.....	.....	.....	.....	.....	.....	.....
Western Main and Buxar	.....	0 7 0	.....	350 4 0	1,722 3,792	1,184 11 0	2,516 5,817	1,733 7 9				
Arrah	.....	.....	.....	.....	2,700 3,046	1,927 0 0	3,805 4,797	2,770 0 0				
Total Bone Circle	.....	625 388 3 9	.....	914 0 9	4,512 6,838	3,111 11 0	6,798 11,800	4,937 9 9				
GRAND TOTAL	9,719 3,239	1,985 14 0	30,374 14,742	8,603 1 10	15,553 7,558	4,380 15 3	31,512 14,193	10,973 3 1				

• Parcels.

TOTAL NAVIGATION RECEIPTS.

	REVENUE, 1884-85.		REVENUE, 1883-84.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Canals	831 12 7	11,755 6 6	528 14 11	13,353 10 5	
Midnapore Canal	9,241 14 6	17,566 3 2	10,140 2 9	21,376 14 9	
Hidgallee Tidal Canal	4,391 13 6	9,804 14 0	8,164 6 6	13,180 7 9	
Bone Canals	2,944 9 0	6,029 2	7,186 8 9	11,683 4 6	
GRAND TOTAL	17,406 3 7	45,215 1 0	26,020 0 11	59,579 5 5	

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secy. to the Government of Bengal.

CALCUTTA,
The 15th July 1884.

Calcutta and South-Eastern State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the line during the month of June 1884, as compared with the corresponding period of June 1883.

STAPLES.	1883.		1884.		1883.	1884.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
VI. Coal	...	61	...	...	61	...	...	61
XIV. 4. Rice	1,031	...	799	...	1,031	799	...	232
XIV. 5. Paddy	50	...	53	...	50	53	3	...
XXXVI. 2. Firewood	1,116	...	1,453	...	1,116	1,453	337	...
XXXVIII. 1. Unmanufactured building materials	...	40	...	69	40	69	29	...
Railway materials	...	6	...	...	6	...	...	...
Hay	407	...	763	...	407	763	356	...
Straw	41	121	35	...	163	84	...	127
Woolen	30	...	23	...	30	23	...	7
Sundries	55	215	15	...	270	19	...	252
Total	2,780	441	3,091	121	3,177	3,213	735	65

INCREASE.

Tons.

Firewood	...	...	...	...	...	337
This increase is due to greater demand at selling stations and better working of wood wagons.						...
Railway materials	...	...	...	...	...	29
This increase is due to opening of some new stations on the extension.						...
Hay	...	...	...	...	...	356
This increase is due to favourable market.						...

DECREASE.

Coal	...	...	...	...	...	61
This decrease is due to coal not being required for the rice mills at Canning.						...
Rice	...	...	...	...	...	232
This decrease is due to rice mills at Canning not working regularly.						...
Straw	...	...	...	...	...	127
This decrease is due to unfavourable market.						...
Sundries	...	...	...	...	...	252
This decrease is due to less demand of sundries for the rice mills at Canning and other stations on the extension.						...

Calcutta, the 14th July 1884.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EASTERN BENGAL RAILWAY COMPANY.

Approximate return of traffic for last 9 days of June 1884 on 303 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	74,756	39,956 0 0	2,64,107 0	50,151 0 0	6,204 0 0	56,311 0 0	13,503	9,801	23,304
Or per mile of railway ...	243	131 13 11	872 3	165 8 3	20 7 7	317 13 9	...	...	...
For previous 24 weeks of half-year	1,804,100	9,63,921 0 0	55,77,278 0	9,34,770 0 0	23,725 0 0	19,24,310 0 0	248,876	170,709	419,585
Total for 25 weeks	1,878,856	10,03,777 0 0	58,41,475 0	9,84,921 0 0	29,929 0 0	20,20,627 0 0	262,379	170,510	432,889
COMPARISON.									
Total for corresponding week of previous year	51,401	24,752 0 0	2,60,041 0	60,336 0 0	16,117 0 0	1,11,705 0 0	8,054	6,365	14,419
Per mile of railway corresponding week of previous year	237	163 1 5	1,257 30	304 4 0	77 15 3	540 4 8	...	...	...
Total to corresponding date of previous year	1,408,627	9,13,156 0 0	57,43,158 0	10,04,692 0 0	49,046 0 0	25,71,491 0 0	181,164	223,110	404,274

Includes Rs. 200 on account of Revenue stores.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JULY 23, 1884.

OFFICIAL PAPERS.

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ANNUAL REPORT ON THE ADMINISTRATION OF CIVIL JUSTICE IN THE SONTHAL PERGUNNAHS FOR 1883.

RESOLUTION.

JUDICIAL.

Dated Calcutta, the 21st July 1884.

READ—

The Annual Report on the Administration of Civil Justice in the Sonthal Pergunnahs for the year 1883.

Read also—

The Reports for 1881 and 1882, and the orders of Government recorded thereon.

The classification of suits in the forms prescribed by the High Court for the past three years is now uniform, with the exception of title suits. The latter are now entered in Statement 7 (Civil), but up to September 1882 were entered as revenue suits under section 5, Regulation III of 1872. A comparison of the figures for the past three years gives the following results:—

	Instituted.			Disposed of.			Pending.		
	1881.	1882.	1883.	1881.	1882.	1883.	1881.	1882.	1883.
Civil suits	7,086	7,350	7,551	7,367	7,553	7,289	617	635	607
Rent	4,807	4,545	3,892	4,123	4,602	3,834	467	376	434
Title	590	475	1,443	673	469	1,290	156	170	333
Civil execution	4,070	4,446	4,253	3,695	4,633	4,218	904	719	754
Rent	2,763	3,363	2,806	2,603	3,135	2,643	431	515	457
Title	200	130	608	201	145	445	22	45	105
Total	19,015	20,512	20,253	18,968	20,336	19,942*	2,607	2,461	2,771

* This number includes four cases transferred to the Collector of Purneah.

Thus the total number of execution cases and of suits instituted was 60 less than in 1882. The total number of suits instituted was, however, 12,686 against 11,992 in 1881 and 12,373 in 1882. There were 1,454 suits pending at the close of the year, being 273 more than at the close of the preceding year.

2. The total number of civil suits instituted only increased by one, but there appear to have been considerable fluctuations in the different sub-divisions. The bulk of the litigation is stated to have been as hitherto on shop accounts for goods sold and for money lent: the rules contained in section 6, Regulation III of 1872, relating to usury, are so well known that there is seldom need to act on them. It is stated, however, that the High Court's ruling that any interpretation of this clause, which conflicts with the contract law, is erroneous, is becoming known, and that old debts, which may have been for prohibited usury or compound interest, are now covered by fresh written contracts. Suits for immoveable property having been since September 1882 shown as title instead of rent suits, the nominal number of the former increased from 478 in 1882 to 1,443, while there was a decrease from the same cause under the head of rent suits from 4,545 to 3,892. The suits for arrears of rents remained almost stationary: but there were fluctuations in the sub-divisions. There was a large increase in Deoghur in the number of suits of this class, as well as of civil suits, of which no explanation has been given.

3. In the preceding report the Deputy Commissioner described the efforts that had been made to define the headman's status, to render sub-letting ineffective, to restrict the transfer by tenants of their holdings, and the sale of holdings in execution of decrees. In the Resolution on that report, it was directed that the effects of the changes on the suits during the year 1883 should be carefully noted and recorded in the report submitted after its close. From that report it is satisfactory to find that the effect of prohibiting village headmen from encumbering their *nij-jote*, unless the encumbrance is on land held under occupancy rights, has been effective. The Deputy Commissioner in writing on this subject says:—"The effect of this rule cannot be gathered from any of the heads of the figured statements, but it has been welcomed as a boon by the talukdars concerned, and so salutary has it been on the headmen themselves, that in 1883 the complaints and applications for their dismissal, which used to be so numerous and even so scandalous, were under ten in number." The operation of the rule that no rent can be recovered at a higher rent than what has been fixed by settlement is stated to have had a decided effect in restraining sub-letting. But in neither of these instances is the effect of the changes distinctly apparent in the litigation itself: nor is it stated whether any, or what, attempts were made to evade the enforcement of them.

4. The attempts to restrict the transfer of tenancies by cultivators are stated, however, to have been fruitless. On this point the Deputy Commissioner observes that "the evil has attained such magnitude, and constitutes such a real danger, that nothing short of the extension of the prohibition against transfers prevailing in the Damin-i-Koh to all Sonthal lands in the district will now cope with it." An interesting account of the origin of this practice is given by Mr. Oldham in paragraphs 34-44 of his report. Previous to 1878, sales of land by Sonthals, or by mere cultivators, except in one pergunnah of the Rajmehal sub-division, were unknown, the reason being apparently that in the Damin-i-Koh transfers were prohibited, while in other parts the cultivators were either mere tenants-at-will, or, if they had rights, could find no purchasers. In the year above mentioned, however, Mr. Boxwell, the then Deputy Commissioner, reported that sales of this kind were taking the place of borrowing. A report was called for; all the old officers who were consulted questioned the correctness of the statement, though admitting that the ryot's credit had increased. On this ground interference was deprecated, but in 1881 and 1882 it became known that these sales had largely taken place, and that in many cases the Sonthals were working as labourers on lands on which they had formerly held rights. "All these changes," writes Mr. Oldham, "due to the suddenly enhanced credit, have occurred in the years since 1876, all distinguished not only by good harvests, but by prices most favourable to the producers. In the present season, when credit is wanted, there is none, and in my recent tour through Hendue and Passai, I was

followed by crowds clamouring for the restoration of their lands, and complaining that they could get no advances. * * * Were the buyers fellow tenants, or even proprietors intent on merging tenancies, there would be nothing to be said. But they are not. They are all either Bengali traders and money-lenders from Beerbhoom and Burdwan, or the far more dangerous class, Bhagat traders from Bhojpur. * * * It is impossible to describe their greed for land and their daring in pursuit of it." As a proof of the extent to which these sales have been effected, it is stated in tuppeli Hendue (about 450 square miles) 10 annas of the Sonthal lands have been sold, and in pergunnah Passai (about 300 square miles) 12 annas. How much is mortgaged has apparently not been ascertained. The statement of the Deputy Commissioner that in these transactions the purchasers are always Bengali traders or money-lenders from other districts is not borne out by the returns now before the Lieutenant-Governor from the Registration Department. These returns would seem to show that, though a considerable number of the sales have been made to mahajuns and traders, in the great majority of cases the purchasers are ryots in the Sonthal Pergunnahs. The figures for 1883-84 are 691 sales to money-lenders, and 1,932 to ryots. The purchases of holdings by the zemindars themselves are very few. But whatever the facts may be as to the persons who buy the ryots' tenures, Mr. Rivers Thompson is of opinion that it is of the utmost importance to the civil administration of the Sonthal Pergunnahs that the Sonthalis should retain possession of their lands. The growth of a large class of Sonthali labourers working for interlopers on lands once their own must be checked by every legitimate means as being dangerous to the peace of the country and of benefit only to a few individuals who are actuated in their dealings with the people by mere mercenary motives, and who consequently are the greatest obstacles to the prosperity of the country. The question is, however, one of much difficulty. The issue of a rule of Civil procedure merely prohibiting transfers by sale would probably not check other modes of transfer with which the people are now familiar, such as by mortgaging their lands to creditors, agreeing to continue as cultivators on half produce, or by sub-letting their holdings to be held nominally at a rent by a creditor who in reality pays nothing. The Lieutenant-Governor is therefore not prepared to issue a rule on the subject until the matter has been fully considered in connection with the larger question which has been raised as to the right of transfer of occupancy holdings under the Bengal Tenancy Bill now before the Legislative Council, upon which a final decision will shortly be made. The question of the sale in execution of proprietary rights in land has been decided, and the application of rule 35 of the Sonthal Civil Rules to all cases, whether tried in Sonthal Courts or under courts vested with powers under Act VI of 1871, been confirmed.

5. The number of cases disposed of by the courts was 19,942 against 20,336 of 1882. The cause assigned for the diminution is the frequent changes caused by the absence of the Deputy Commissioner on furlough. It is satisfactory to notice the decrease in the number of appeals, or rather applications for revision against the orders of the subordinate Civil and Revenue tribunals. Of these, against 780 in 1882 there were 632 in 1883, of which 403 were to the sub-divisional officers and 211 to the Deputy Commissioner; and 43 miscellaneous appeals, of which 17 were to sub-divisional officers and 26 to the Deputy Commissioner. The procedure in hearing applications for revision, as described by the Deputy Commissioner, is of a simple kind and calculated to give as little harassment as possible to the parties. On a fixed date, verbally notified to the petitioner, the lower court's proceedings are examined. If found correct, the petitioner and lower court are informed of the order dismissing the petition and its reasons: if incorrect, the steps ordered to be taken towards amending them, and the reasons therefor, are recorded and sent to the lower court for compliance. There is thus the least possible encouragement to vexatious appeals: and the total number of the applications for revision was only five per cent. on the number of decisions.

6. The receipts of the courts rose from Rs. 71,970-2 to Rs. 75,718-5-6, the rise being general in all the sub-divisions except Godda and Pakour. In these there was a slight decrease corresponding to the decrease in institutions of suits. The total value of suits instituted is stated at Rs. 4,87,960, showing an increase of Rs. 76,571 over the figures of the preceding year. Of 12,648

suits in the Civil Courts, in which the value could be estimated in money, those of values not exceeding Rs. 100 rose from 1,091 to 1,322, and of values not exceeding Rs. 500 from 587 to 682, while those of values not exceeding Rs. 50 fell from 5,422 to 5,150 compared with the year 1882. The increase in receipts therefore appears to have been due to closer scrutiny into the values of the suits, and to show that the orders of Government contained in paragraph 6 of the Resolution on the report for last year have been carried out.

7. The Deputy Commissioner, in his report, complains of the great difficulties he has found in maintaining a sufficient number of Sub-Deputy Collectors and Canoongoes, the former of whom take much work off the hands of sub-divisional officers in the disposal of petty suits, the latter performing the functions of Civil Court Ameen. This subject is now under consideration in the Revenue Department of this Government. Mr. Rivers Thompson is fully aware that the officers in the Sonthal Pergunnahs have to contend with many difficulties requiring tact and discretion, and that their work, though unencumbered by technical and formal processes, is heavy: he is therefore pleased to find that in the past year they have continued to maintain their reputation for steady, intelligent work. Since the close of that year the Sonthal Pergunnahs have lost by the departure of the Deputy Commissioner, Mr. Oldham, an officer whose merits as a district officer have always been most favourably noticed, and whose administration of a difficult charge has effected many permanent improvements. A copy of the remarks of the Commissioner and Deputy Commissioner, regarding the officers in the Sonthal Pergunnahs subordinate to them, will be forwarded for record to the Appointment Department.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 19th July 1884.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date	
BENGAL.				
Western Districts.				
BURDWAN DIV.	1 Burdwan, July 19 '84	0.99	Weather—rain still insufficient. Transplanting of paddy still delayed owing to deficient rainfall. Timely rain will protect paddy from being seriously damaged. The price of rice has risen slightly, the average price being 15 seers per rupan. Health good.	
	Culina	1.50		
	Cutwa	0.17		
	Raneegunge	1.92		
	2 Bankura, " 19 "	3.79	Weather—cloudy; occasional showers of rain. Early paddy (Tetka) in ear. Want of rain general. Price of coarse rice rising. Public health good.	
	Bisnupore	1.47		
	Mahara	1.91		
	3 Beerbhoom, " 19 "	2.86	Weather—hot and showery. Transplanting of <i>aus</i> and <i>aman</i> crops seriously impeded for want of heavy rain. Seedlings withering in the Rampore Haut sub-division. Prices of food-grains almost stationary. Public health good.	
	Rampore Haut	1.11		
	4 Midnapore, " 19 "	1.82	Weather—cloudy and sultry, with occasional slight showers of rain. Agricultural operations progressing slowly owing to insufficient rainfall. Public health good.	
	5 Hooghly, " " "		Not received.
	Howrah, " 21 "	Not stated.	Weather—cool, with heavy and almost continuous rainfall. The rain has come most opportunely for <i>aman</i> or late rice, which is now being planted out and needs plenty of water. Early rice, jute, and sugarcane flourishing. Public health good. Price of coarse rice from Rs. 2-8 to Rs. 2-10 per maund.	
Oolcoberlah	1.41			
Central Districts.				
PRESIDENCY DIV.	6 21 Pergunnahs July 21 "	1.70	Weather—hot, with light showers of rain. Prospects of jute, sugarcane, and <i>aus</i> paddy good. Transplanting of <i>aman</i> going on. More rain wanted in the Baraset, Bussirhat, and Dum-Dum sub-divisions. Public health generally good.	
	7 Nuddea, " 19 "		Weather—hot and cloudy. Rain much wanted for paddy on high lands and for transplanting <i>aman</i> .
	Kaashita	2.01		
	Chomdanga	.90	Weather—cloudy. Transplanting of <i>aman</i> going on.	
	Mahespara	1.25		
	Ranaghat	2.12		
	8 Khoshla, " 19 "	2.36	Weather—cloudy, with light showers of rain. Transplanting of <i>aman</i> crops continues. Harvesting of <i>aus</i> commenced in certain places. Prospects of crops fair. The early and heavy rain caused some damage to both crops.	
	9 Jessore, " 19 "	1.44		
	Jhinda	1.31		
	Magoorah	0.62	Weather—hot and dry. Standing crops, though holding out, are making little progress, and the season will be a backward one.	
	Bongong	1.25		
	10 Moorsshedabad, " 19 "	0.34	Weather—hot, with occasional showers of rain, most seasonable for the growth of crops which are thriving well.	
	11 Dinagore, July 18 '84	1.13		
	12 Rajshahye, " 19 "	1.31	Weather—rather hot. Prospects of standing crops good. Rain wanted for transplanting <i>aman</i> crops. Health fair.	
	Natore	1.89		
	Nowgong	1.90	Weather—very hot. <i>Aman</i> being transplanted in several places. <i>Aus</i> still being cut. Prospects of other crops good. Malarious fever prevailing. Public health otherwise fair.	
	13 Rangpore, " 19 "	.49		
Kurigram	.34			
Golanda	1.11			
14 Bogra, " 19 "	1.01	Weather—rain fell on four days of the week. State and prospects of crops continue to be satisfactory. Public health fair.		
15 Pabna, " 19 "	4.60			
16 Darjeeling, " 19 "	1.72	Weather—very hot. Though rivers have risen a good deal, they are not yet full enough in places to allow of the jute crops, much of which is ready being cut and steeped. <i>Aus</i> paddy being cut.		
17 Jalpogore, " 19 "	3.16			
1.81	Weather—bright and generally fair, but hot in the early part of the week: cooler towards the close. There has been a decided break in the rain, varied with occasional heavy showers. The atmosphere is favourable for the standing crops. Prospects of jute improved. Public health generally good; but indifferent in Alipore.			
Eastern Districts.				
DAKKA DIV.	18 Dacca, July 19 '84	2.02	Weather—hot. Cutting of jute continues. <i>Roachia</i> and <i>shail</i> paddy being sown. Prospects of crops good. Public health good.	
	Manickgunge	1.34		
	Moonsheegee	2.42		
	Naraingunge	.78		
	19 Farreedpore, " 19 "	.78	Weather—hot. State and prospects of crops still good, but more rain wanted. <i>Aus</i> being cut. Public health fairly good.	
	Golanda	.92		
	Madaripore	1.41		
	20 Backergunge, " 17 "	1.41	Weather—seasonable. Prospects of crops good. Cultivation of <i>aman</i> crops progressing. Public health good.	
	21 Mymensingh, " 18 "	2.78		
	Jamshpore	3.12	Weather—very close, with occasional storms. Prospects of crops continue good. Transplanting of <i>aman</i> paddy making good progress. Jute being cut.	
	Kishoregunge	1.09		
	Attea	2.62		
	Netrokona	.5		
	1.39			

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—concl.			
<i>Eastern Districts—concl.</i>			
CHITTAGONG DIV.	23 Chittagong, July 21 '84	3.73	Weather—seasonable. Prospects of crops fair. Prices steady. Cholera and cattle-disease continue.
	23 Noakhali, „ 17 „	1.61	Weather—variable. <i>Amun</i> being reaped. Transplanting of <i>amun</i> continues.
	24 Tipperah, „ 18 „	4.09	Weather—hot and sultry with little rain. Standing crops doing well. Public health good.
	Brahmunberiah „ „	2.05	
	Chandpore „ „	1.40	
	25 Chittagong Hill „ 15 „	2.42	Weather—cloudy and hot. Standing crops doing well.
	Tracts „ „		
	Hill Tipperah „ 16 „	3.73	Weather—seasonably rainy. <i>Satya</i> paddy doing well. <i>Amun</i> being transplanted. Prospects of sugarcane and jute fair. Season favourable for the crops in <i>jhums</i> . Public health good.
BEHAR.			
PATNA DIV.	26 Patna, July 19 '84	1.05	Weather—hot and cloudy. Sowings of <i>bhadoi</i> crops going on. <i>Makai</i> looks very promising. More rain wanted. Cholera prevails in the Behar sub-division.
	Behar „ „	1.28	
	27 Gya, „ 19 „	1.14	Weather—variable; rain insufficient. Prospects of crops favourable. Transplanting of <i>murwa</i> nearly finished. Sugarcane doing well. <i>Makai</i> starting very favourably.
	28 Shahabad, „ 19 „	1.86	Weather—seasonable. <i>Bhadoi</i> crops and sugarcane promising. Transplanting of paddy has commenced.
	Buxar „ „	1.38	
	Sasseram „ „	2.61	
	Blubua „ „	3.9	
	29 Durbhanga, „ 19 „	.51	Weather—frequently cloudy. There has been no rain for the last six days, consequently transplanting of paddy has been generally suspended. Paddy in <i>chur</i> lands and <i>bhadoi</i> crops doing well. Indigo manufacture progressing. Prices stationary. Public health generally good.
	Tajpur „ „	.45	
	Madhubani „ „	.56	
BHAGTIPUR DIV.	30 Mozufferpore, „ 19 „	0.54	Weather—very close, with heavy clouds and strong sun alternately. Standing crops promising, but rain still required in the Sudder sub-division. Weeding of all crops and transplanting of paddy in progress. Public health good.
	Hajipore „ „	0.54	
	Sitamarhi „ „	0.45	
	31 Sarun, „ 19 „	.38	Weather—clear, with occasional clouds. There has been a break in the rains, weeding operations progressing satisfactorily. <i>Makai</i> and other <i>bhadoi</i> crops look promising. <i>Sati</i> and <i>murwa</i> crops doing well. Transplanting of paddy going on. Manufacture of indigo everywhere in progress. Public health good.
	Bewan „ „	1.33	
	Gopalgunge „ „	1.19	
	32 Champaran, „ 19 „	2.0	Weather—cloudy and sunny alternately. Prospects of crops continue favourable. Prices stationary. Public health good.
	33 Monghyr, July 19 '84	3.38	Weather—rainy and sunny. The prospects of crops continue very promising. Prices easy. Public health good.
	Begusarai „ „	.87	
	Jamui „ „	.90	
SONTAL DIV.	34 Bhagulpore, „ 19 „	1.34	Prospects of crops good. Transplanting of paddy going on. Public health good.
	Banka „ „	1.17	
	Muddehpore „ „	.63	
	Soopole „ „	.61	
	35 Purneah, „ 19 „	0.79	Weather—bright and showery. Prospects of crops very good. More rain wanted for transplanting paddy. Health fair.
	36 Maldah, „ 19 „	1.25	Weather—hot and cloudy. Prospects of crops good. Harvesting of <i>bhadoi</i> paddy, an extensively grown crop this year, has begun in the English Bazaar thana. The crop throughout its area of cultivation in the other parts of the district doing well. <i>Amun</i> paddy thriving. Rain, however, much wanted. Prices of food-grains stationary. Public health generally good. The rivers have risen much, and the Kalindri has been open for the last fortnight.
	37 Sonthal Perga, „ 19 „	0.93	Weather—variable, with occasional local showers of rain. In Deoghur rain much wanted and ploughing backward. Prospects of <i>bhadoi</i> crops fair. Winter paddy poor. In the Godda sub-division the weather is all that can be desired; state of crops satisfactory. In Rajmahal prospects of crops good and Indian-corn being harvested with very good outturn. In Pakour prospects very good, but more rain wanted for rice.
	Deoghur „ „	2.49	
	Godda „ „	2.46	
	Rajmahal „ „	.92	
ORISSA DIV.	Pakour „ „	1.30	
	Jamtara „ „	Not received.	
	ORISSA.		
ORISSA DIV.	38 Cuttack, „ „	.....	Not received.
	39 Pooree, July 17 „	4.46	Weather—hot, with occasional showers. Puddling and transplanting going on. <i>Beali</i> being weeded. Cotton being gathered. Sporadic cases of cholera still reported.
	Khoorda „ „	4.16	
	40 Balasore, „ 18 „	1.38	Weather—seasonable. Prospects of paddy continue favourable. A few cases of cholera reported from the Bhadrak and Jellasore thanas, otherwise public health good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh. July 18 '84	2.91	Weather—rainy and sunny alternately. Transplanting of <i>dhadoi</i> crops going on, but more rain wanted for paddy seedlings. Prices of food-grains continue high. Few cases of small-pox reported; otherwise general health good.
42	Lohardugga. „ 19 „	3.45	Weather—seasonable. The heavy rain has proved most beneficial to agricultural operations. Slight fall in prices. General health good.
43	Singbhoom. „ 18 „	2.97	Weather—fine. Prospects of crops continue favourable. Sowings of paddy completed. Transplanting of paddy in progress. Fever very prevalent; otherwise public health good.
44	Manbhoom. „ 19 „	1.10	Weather—showery. The recent rain has been very partial. Transplanting
	Govindpore (up to 16th instant.)	1.38	of paddy continues, and autumn crops coming on well; but heavy rain still wanted for winter paddy. Coarse rice sold on the 9th instant in the Purulia market at 18 seers per rupee. Cholera and small-pox still reported.
	Burrabazar (up to 17th instant.)	4.21	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

The 22nd July 1884.

COLMAN MACAULAY,

Secy. to the Govt. of Bengal.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE:—QUANTITIES PER RUPEE BY

		RETAIL SALE.—QUANTITIES PER RUPEE BY																							
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUH MILL— CHURRU, BAJRA.			GREAT MILL— CHURRU, JOWAR.								
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL																									
Western Districts.																									
1	Burdwan	16 0	15 12	16 0	22 8	20 4	30 0	12 8	13 4	17 4	17 4	17 0	22 8	...	...	...	...	...	...	...	...	...	...	...	...
2	Bankoora	16 8	16 8	14 12	18 0	18 0	16 0	12 8	15 0	10 0	10 4	17 8	25 0	...	...	...	...	...	...	...	...	...	...	...	...
3	Deerbhoom	15 0	16 8	15 12	...	...	...	13 8	13 14	16 8	16 0	16 4	21 0	...	...	...	...	...	...	...	...	...	...	...	...
4	Midnapore	12 0	12 0	14 0	20 0	20 0	17 0	14 0	15 0	18 0	18 0	18 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly	14 0	15 0	13 8	...	...	...	8 0	8 0	10 0	14 0	14 0	18 8	...	...	...	...	...	...	...	...	...	...	...	...
6	Howrah	14 0	14 8	13 4	...	...	...	11 8	11 8	13 8	13 4	13 8	17 8	...	...	...	...	...	...	...	...	...	...	...	...
Central Districts.																									
7	Calcutta	16 0	16 0	14 4	20 0	20 0	19 0	8 0	8 0	10 12	13 0	13 0	16 0	15 0	15 0	20 0	...	...	...	...	...	...	...	...	...
8	24-Pergunnahs	...	11 0	13 5	...	16 0	17 8	...	8 0	8 0	...	16 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...
9	Nuddea	17 4	17 4	14 8	20 0	20 0	20 0	12 5	12 5	15 4	13 5	13 5	17 4	...	...	...	...	...	...	...	...	...	...	...	...
10	Khoolna	...	...	...	...	...	...	13 0	12 8	16 0	18 0	17 0	24 0	...	...	...	...	...	...	...	...	...	...	...	...
11	Jessore	16 0	15 0	14 8	...	...	...	13 0	13 0	16 0	15 0	15 0	22 12	...	...	...	...	...	...	...	...	...	...	...	...
12	Moorshedabad	18 0	18 0	15 0	...	...	...	12 8	12 8	15 0	14 8	15 8	19 0	...	...	...	...	...	...	...	...	...	...	...	...
13	Dinagopore	14 8	14 8	13 14	13 0	13 0	...	14 8	14 8	16 0	15 8	15 8	18 13	...	...	...	...	...	...	...	...	...	...	...	...
14	Rajshahye	19 4	18 4	17 4	31 4	30 0	30 0	12 0	12 0	15 0	12 12	13 2	17 4	...	...	...	...	...	...	...	...	...	...	...	...
15	Rangpore	20 0	20 0	13 5	...	...	...	11 7	10 0	13 5	10 0	13 12	20 0	...	...	...	...	...	...	...	...	...	...	...	...
16	Bogra	...	12 12	15 12	...	...	...	9 12	10 8	12 12	15 12	15 0	21 0	...	...	...	...	...	...	...	...	...	...	...	...
17	Pabna	24 0	24 0	18 12	...	...	...	8 4	8 4	8 0	15 0	15 0	19 8	...	...	...	...	...	...	...	...	...	...	...	...
18	Darjeeling	9 0	...	8 0	10 0	10 0	8 0	5 0	5 0	4 0	11 0	11 0	8 0	...	...	...	...	...	...	...	...	...	...	...	...
19	Jalpigoree	10 0	10 0	10 0	20 0	20 0	20 0	11 0	11 0	12 8	14 0	13 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Districts.																									
20	Dacca	16 0	16 0	12 4	...	21 0	19 0	12 10	12 8	15 12	16 0	15 0	19 0	...	...	...	...	...	...	...	...	...	...	...	...
21	Farrakapore	20 0	20 0	20 0	34 0	34 0	30 0	14 0	13 8	16 0	15 0	15 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...
22	Backergunge	...	...	...	...	...	...	15 0	15 0	19 0	18 0	18 0	21 0	...	...	...	...	...	...	...	...	...	...	...	...
23	Mymensingh	13 0	12 8	11 0	...	...	...	12 0	12 0	15 8	16 0	16 0	19 8	...	...	...	...	...	...	...	...	...	...	...	...

* Not received.

A In the sub-divisions the retail prices of salt per rupee were:—Culna 14½ seers, Cutwa 12½ seers, and Ranagunge 13½ seers.

B The retail price of salt in the interior ranged from 11 to 16 seers per rupee.

C The retail price of salt in the interior ranged from 11½ to 13½ seers per rupee.

D In the sub-divisions the retail prices of salt per rupee were:—Ghat at 11½ seers and Contai 12½ seers.

E In the sub-divisions the retail prices of salt per rupee were:—Aousit 13 seers, Mainapore 11½ seers, Chooandauga 14 seers, and Ranaghat 12½ seers.

F In the sub-divisions the retail prices of salt per rupee were:—Aousit 13 seers, Mainapore 11½ seers, Chooandauga 14 seers, and Ranaghat 12½ seers.

G The retail price of salt at Sarkhura was 11 seers per rupee.

H In the sub-divisions the retail prices of salt per rupee were:—Jhenidah 12 seers, Magurish 10½ seers, Narnail 14 seers, and Bengong 13 seers.

I In the sub-divisions the retail prices of salt per rupee were:—Lalbagh and Jalpigore 11 seers, and Kandi 12 seers.

19	0	16	0	18	6	90	0	90	0	120	0
17	0	17	0	16	0	120	0	120	0	120	0
16	0	16	0	16	8	...		...		...
15	0	16	0	16	8	...		...		...
14	0	17	0	16	0	120	0	120	0	120	0
13	0	17	0	16	0	120	0	120	0	120	0
12	0	17	0	16	0	120	0	120	0	120	0
11	0	17	0	16	0	120	0	120	0	120	0
10	0	17	0	16	0	120	0	120	0	120	0
9	0	17	0	16	0	120	0	120	0	120	0
8	0	17	0	16	0	120	0	120	0	120	0
7	0	17	0	16	0	120	0	120	0	120	0
6	0	17	0	16	0	120	0	120	0	120	0
5	0	17	0	16	0	120	0	120	0	120	0
4	0	17	0	16	0	120	0	120	0	120	0
3	0	17	0	16	0	120	0	120	0	120	0
2	0	17	0	16	0	120	0	120	0	120	0
1	0	17	0	16	0	120	0	120	0	120	0
0	0	17	0	16	0	120	0	120	0	120	0

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

LEADER STREET—
HAGI ON MEWA
AND CHENNA.
MATCH ON INDIA.
CORN.

Present return.	Next preceding return.	Corresponding return of last year.	Present return.
	Next preceding return.		
	Corresponding return of last year.		

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000	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000

Districts of Bengal for the Fortnight ending the 15th July 1884.

SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.									DISTRICTS.
			SALT.			ABLE-BODIED AGRICULTURAL LABOURER.			STEEL OR HORSE-KNIFE.			COMMON MASON CARPENTER, OR BLACKSMITH.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	
18 5	13 4	12 4	2 15 7	3 0 0	3 0 8	9 6	9 6	7 8	6 8	6 8	6 8	10 0	10 0	10 0	Burdwan.
						6 0	6 0	6 0	4 8	4 0	4 8	15 0	15 0	14 0	
13 0	13 0	12 0	3 1 3	3 1 3	3 3 6	to	to	to	to	to	to	7 8	7 8	7 8	
12 0	12 0	10 0	3 2 6	3 2 6	3 12 6	9 0	10 0	9 0	6 8	7 8	6 8	12 0	15 0	12 0	
						4 0	4 0	4 0	5 0	5 0	5 0	9 0	9 0	10 0	
12 12	12 12	12 8	2 14 0	2 14 0	2 14 0	5 10	6 0	5 10	6 0	5 8	6 0	7 8	7 8	7 8	Midnapore.
13 9	13 9	13 9	2 14 0	2 14 0	2 14 0	...	8 0	6 0	...	7 0	...	11 4	10 0	10 0	Hooghly.
								to				10 0	to	10 0	
12 0	13 0	13 0	3 0 0	3 0 0	3 0 0	7 8	7 8	7 8	6 8	6 8	6 8	14 0	14 0	14 0	Howrah.
BENGAL															
Western Districts															
13 0	13 0	14 0	2 12 0	2 12 0	2 12 0	12 0	15 0	15 0	7 0	7 0	7 0	12 0	12 0	12 0	Calcutta.
...	12 13	13 5	.....	3 0 0	2 14 0	10 0	10 0	10 0	6 0	6 0	6 0	15 0	15 0	15 0	
11 10	11 10	10 10	3 0 0	3 0 0	3 0 0	6 0	6 0	6 0	6 0	6 0	6 0	7 0	7 0	7 8	24-Pargunnahs.
						9 0	9 0	9 0	6 0	6 0	6 0	10 0	10 0	10 0	
12 0	12 0	10 8	3 2 0	3 2 0	3 4 0	to	to	to	to	to	to	10 0	10 0	10 0	Nuddea.
						12 0	11 0	12 0	8 0	8 0	8 0	15 0	16 0	16 0	
10 12	10 12	11 0	3 2 0	3 2 0	3 2 0	7 8	7 8	7 8	6 0	6 0	6 0	15 0	15 0	15 0	Khoolna.
												16 0	16 0	16 0	
11 9	11 9	10 0	3 3 0	3 3 0	3 6 0	6 0	5 0	5 0	5 0	5 0	5 0	7 8	7 8	7 8	Jessore.
												15 0	15 0	15 0	
12 0	12 0	11 6	3 4 0	3 0 0	3 7 0	7 8	6 0	6 0	7 0	6 0	5 0	15 0	8 0	8 0	Moorshedabad.
						to	to	to	to	to	to	20 0	20 0	20 0	
12 9	12 6	12 0	3 1 0	3 3 6	.....	4 0	4 0	6 0	5 0	5 0	5 0	10 0	10 0	7 0	Dinapore.
						5 0	5 0	6 0	6 0	6 0	6 0	14 0	14 0	15 0	
11 15	11 14	11 16	3 4 0	3 5 0	3 5 0	7 8	7 8	7 8	6 0	6 0	6 0	12 0	12 0	12 0	Rajahmudy.
						to	to	to	to	to	to	15 0	15 0	15 0	
12 0	12 0	10 8	3 5 4	3 4 0	3 8 0	5 0	5 0	5 0	6 0	6 0	6 0	10 0	10 0	10 0	Bogra.
						6 0	6 0	6 0	7 0	7 0	7 0	15 0	15 0	15 0	
12 6	12 6	12 0	3 2 0	3 2 6	3 4 0	5 0	5 0	5 0	6 0	6 0	6 0	10 0	10 0	11 0	Pubna.
						to	to	to	to	to	to	15 0	15 0	15 0	
8 0	8 0	8 0	4 6 0	4 4 0	4 8 0	7 0	7 0	7 8	7 0	7 0	7 0	15 0	15 0	18 0	Darjeeling.
									9 0	9 0	8 0	25 0	25 0	30 0	
12 4	12 4	11 0	3 4 0	3 4 0	3 6 0	7 0	7 8	7 8	7 0	8 0	7 0	15 0	20 0	15 0	Julpigore.
												20 0	30 0	30 0	
Eastern Districts.															
12 10	12 8	12 0	3 2 0	3 2 0	3 4 0	6 0	5 0	5 0	5 0	4 0	5 0	8 0	8 0	8 0	Dacca.
						to	to	to	to	to	to	20 0	25 0	20 0	
12 0	12 0	11 8	3 2 0	3 2 0	3 7 0	7 8	8 8	8 8	7 0	7 8	7 0	15 0	15 0	15 0	Farreedpore.
												8 0	8 0	8 0	
13 0	13 0	13 0	3 11 0	3 11 0	3 11 0	7 8	7 8	7 8	6 0	6 0	6 0	15 0	15 0	15 0	Backergunge.
												15 0	12 0	12 0	
12 8	12 12	12 8	3 3 0	3 2 0	.....	8 0	8 0	8 0	8 0	6 0	6 0	30 0	30 0	30 0	Mymensingh.
						to	to	to	to	to	to	to	to	to	

J The retail price of salt at Raipur 11½ seers and Nitpore 10 seers per rupee.

K In the sub-divisions the retail price of salt was at Nattore and Nowgong 12 seers per rupee.

L In the sub-divisions the retail price of salt per rupee were:—Nilphamari 12 seers and Gaibanda 14 seers.

M The retail price of salt at Benjigunge was 13 seers per rupee.

N The retail price of salt was at Kurseong 8 seers, and at Silligore 10 seers per rupee.

O The retail price of salt at Falacolla in Alipore sub-division was 10 seers per rupee.

P In the sub-divisions the retail price of salt per rupee were:—Moonshagunge 10 seers 10½ chittacks, Manickgunge 12 seers, and Naraingunge 13 seers.

Q In the sub-divisions the retail price of salt per rupee were:—Gaulando 13 seers, Madaripore and Bhanga 12 seers, and Gopalgunge 12½ seers.

R In the sub-divisions the retail price of salt per rupee were:—Patuakhali 10½ seers, Peroxopore 21 seers and Bhola 10 seers.

S In the interior the retail price of salt ranged from 10½ seers to 12½ seers per rupee.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

Number.		DISTRICTS.	RETAIL SALE :—QUANTITIES PER RUPEE BY THE																									
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULURSH MILLET— CUMBOO, BAJRA.			GRASS MILLET— CHOLUN JOWAR.										
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.								
Eastern Districts.—Concluded.																												
22	Chittagong	14 8	13 4	12 0	...	...	...	13 0	13 0	13 0	16 0	16 0	20 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Noakholly	...	...	...	...	...	...	16 0	16 0	20 0	18 0	18 0	23 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tipperah	15 4	16 0	11 6	...	...	...	15 4	13 0	17 0	22 0	15 8	23 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	Chittagong Hill Tracts.	...	...	...	...	...	...	13 5	12 5	12 4	14 8	13 5	13 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	12 0	12 0	10 0	...	...	...	14 0	14 0	17 0	18 0	18 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BEHAR.																												
26	Patna	20 0	20 0	17 8	31 0	21 0	32 0	11 0	11 0	14 0	14 0	14 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	Gya	16 0	16 0	19 0	21 0	20 0	25 0	9 8	9 8	12 0	18 0	12 0	15 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Shahabad	18 8	18 0	17 0	22 8	22 0	24 0	9 0	9 0	11 0	13 0	13 0	15 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		X		to						to			to															
		Y		17 8						11 8			17 0															
29	Darbhanga	17 9	16 0	18 0	18 11	...	30 0	10 0	10 15	12 0	14 4	14 4	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	Muzaffarpore	...	17 0	18 0	...	20 0	29 0	...	10 0	12 0	...	15 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Samt	18 12	18 8	17 0	22 4	22 0	26 0	8 0	8 0	10 0	12 8	12 4	14 0	...	...	...	24 0	21 0	23 0	...	...	...	...	...	...	...	...	...
32	Chumpan	18 0	18 0	19 0	23 0	23 0	34 0	10 8	10 0	13 0	19 0	12 0	17 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	Monghyr	19 6	18 14	18 14	21 0	21 0	25 8	11 0	11 0	13 10	18 1	13 1	15 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Bhagulpore	17 10	16 14	16 6	20 8	20 8	27 12	12 0	12 0	15 2	13 14	13 14	17 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	Purneah	18 0	18 0	20 0	...	...	...	13 0	13 0	15 0	14 0	14 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	Maldah	19 0	20 0	17 0	...	...	...	11 0	11 0	16 0	15 0	14 0	19 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	Soanthal Perga.	18 0	14 0	14 0	...	...	...	19 8	12 0	16 0	15 0	15 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ORISSA																												
38	Cuttack	15 12	15 12	14 7	...	...	...	13 2	13 2	13 2	16 12	18 6	21 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Pooree	11 12	13 2	13 2	...	...	...	13 2	14 7	20 0	...	21 0	23 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	Balasore	16 11	16 11	14 0	11 0	11 0	...	13 0	13 0	16 0	20 0	20 0	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA NAGPORE.																												
South-Western Frontier Agency.																												
41	Hazareebagh	14 8	14 0	15 0	16 0	...	30 0	10 0	10 0	10 0	12 4	12 8	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	Lohardugga	18 0	13 0	16 0	12 0	14 0	31 0	13 0	13 0	18 0	17 0	17 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	Singbhoom	18 0	18 0	18 0	22 0	22 0	32 0	20 0	20 0	26 0	24 0	24 0	40 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44	Manbhoom	14 0	13 0	13 0	...	...	...	14 0	14 0	17 0	18 8	21 0	27 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) The decrease in the price of rice is due to less exportation and also to the fact of raw rice appearing in the market for sale.

(b) The price of rice in the interior ranged from 23 seers 10 chittacks to 22 seers 10 chittacks per rupee.

T The retail price of salt at Cox's Bazar was 9 seers per rupee.

U In the interior the retail price of salt ranged from 9 to 12½ seers per rupee.

V In the sub-divisions the retail price of salt per rupee were:—Brahmanbarah 12½ seers and Chandpore 12½ seers.

X In the sub-divisions the retail price of salt per rupee were:—Buxar 11½ seers and Sasaram and Bhabhua 11 seers.

Y In the sub-divisions the retail price of salt per rupee were:—Tajpore 11½ seers and Madhubani 11 seers.

Z In the Bawan sub-division the retail price of salt was 11½ seers per rupee.

Z1 The retail price of salt in the interior ranged from 12 to 13 seers per rupee.

CALCUTTA,

The 22nd July 1884.

SEER OF 80 TOLAHS.

LESSER MILLET - KASOR, MURWA AND CHHENA			MAIZE OR INDIAN- CORN		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...
...
...
...
...

...	...	...	28 0	33 0	32 0
...
...
19 13	21 16	30 0	20 16	22 0	...
...	...	...	...	20 0	33 0
31 0	32 0	30 0	22 0	22 4	38 0
...	...	...	21 0	21 0	...
...	...	...	22 0	22 4	38 6
...	...	...	22 1	20 3	...
...
...
...	...	...	17 0	20 0	28 0

19 11	16 13	18 2	...	...	...
...
...

17 0	18 0	30 0	16 0	...	20 0
24 0	24 0	28 0	...	...	...
...
...

GRAN.			FIREWOOD.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

N.	Ch.	S.	Ch.	S.	Ch.	N.	Ch.	S.	Ch.	S.	Ch.
16	0	15	0	12	0	20	0	120	0	...	...
12	0	12	0	12	0	...	...	...	...	...	...
16	0	16	0	16	0	...	...	...	...	...	...
...	...	...	...	...	...	320	0	320	0	320	0
14	0	14	0	12	0	...	...	...	...	...	...

24	0	24	0	26	0	100	0	100	0	130	0
19	12	19	8	23	0	200	0	160	0	180	0
23	0	23	0	{ 27 0 to 28 0 }		140	0	140	0	120	0
20	15	23	0	24	0	165	0	194	0	160	0
...	...	21	0	22	0	...	140	0	140	0	...
21	8	21	0	26	0	160	0	160	0	160	0
19	0	19	0	28	0	...	...	...	...	...	...
24	8	24	2	25	8	128	0	128	0	147	0
22	1	20	8	24	0	151	8	151	8	138	0
20	0	20	0	16	0	160	0	160	0	190	0
23	0	20	0	22	0	160	0	120	0	160	0
17	0	17	0	20	0	200	0	200	0	200	0

22	5	22	5	17	1	80	0	80	0	80	0
17	1	19	11	18	0	64	0	64	0	100	0
14	0	14	0	14	0	120	0	120	0	120	0

16	0	16	0	18	8	240	0	240	0	240	0
19	0	12	0	14	0	120	0	180	0	110	0
18	0	12	0	24	0	180	0	180	0	160	0
16	8	16	8	17	0	240	0	240	0	120	0

Districts of Bengal for the Fortnight ending the 15th July 1884.—(Concl'd.)

SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.									DISTRICTS.
			SALT.			ABLE-BODIED AGRICULTURAL LABOURER.			STEER OR HORSE-KEEPER.			COMMON MASON, CARPENTER, OR BLACKSMITH.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
Eastern Districts.—(Concluded.)															
S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Chittagong. Noakholly. Tipperah. Chittagong Hill Tracts. Hill Tipperah.
9 8	9 8	9 0	4 0 0	4 0 0	4 0 0	9 0	7 8	7 8	7 0	6 0	6 0	12 5	7 8	7 8	
10 0	10 0	10 0	3 6 0	3 6 0	3 2 0	11 0	9 0	11 4	8 0	7 0	7 8	14 0	10 0	10 8	
12 0	12 0	12 0	3 4 0	3 4 0	3 5 0	7 0	7 0	7 0	5 0	5 0	5 0	7 0	7 0	7 0	
6 6	6 6	6 0	5 0 0	5 0 0	6 4 0	8 0	8 0	8 0	6 0	7 0	7 0	20 0	20 0	20 0	
11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	8 0	8 0	8 0	5 0	5 0	5 0	7 0	8 0	7 0	
11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	9 0	8 0	9 0	7 0	7 0	7 0	16 0	15 0	16 0	
BENAR.															
10 0	10 8	10 8	3 2 0	3 2 0	3 0 0	4 0	3 0	3 0	4 8	4 0	4 0	6 0	5 10	5 10	Patna.
11 0	11 0	12 0	3 4 0	3 4 0	.....	5 0	4 0	4 0	5 0	5 8	5 0	8 0	8 0	8 0	Gya.
12 0	12 0	12 8	3 1 0	3 1 0	3 1 0	2 8	2 8	2 8	3 0	3 0	3 0	4 0	4 0	4 0	Shahabad.
12 8	12 8	10 0	3 1 6	3 1 6	3 10 0	3 0	3 0	3 0	5 0	5 0	5 0	8 0	8 0	8 0	Darbhanga.
...	12 0	11 8	.....	3 4 0	3 7 0	3 12	2 13	3 0	3 12	2 8	3 8	3 12	5 10	1 8	Muzafferpore.
11 0	11 0	11 0	3 4 0	3 5 0	3 6 0	4 0	4 0	4 0	5 0	5 0	5 0	8 0	8 0	8 0	Saran.
11 8	11 8	11 8	3 7 0	3 7 0	.....	5 0	3 0	3 0	4 0	4 0	4 0	5 0	5 0	5 0	Chumpan.
12 9	12 1	11 8	3 15 6	3 2 5	3 2 9	5 0	5 0	5 0	5 0	5 0	5 0	8 0	8 0	8 0	Monghyr.
12 10	12 10	12 10	3 0 0	3 0 0	3 1 0	4 12	5 10	4 12	4 0	4 0	4 0	6 0	6 0	6 0	Bhagulpore.
10 12	10 12	10 0	3 13 6	3 13 0	.....	6 4	7 8	7 8	6 0	6 0	6 0	10 0	10 0	10 0	Purneah.
...	...	12 0	.....	.....	3 4 0	5 12	5 12	6 0	4 0	4 0	4 0	8 0	8 0	8 0	Maldah.
11 0	10 8	10 0	3 8 0	3 12 0	.....	4 12	5 10	4 12	4 0	4 0	4 0	6 0	6 0	6 0	Sonhat Pergue.
14 0	14 0	14 0	3 12 0	3 12 0	3 12 0	3 12	3 12	3 12	4 0	4 0	4 0	5 10	5 10	5 10	O. 1884.
16 0	16 0	14 0	3 6 0	3 6 0	3 12 0	6 4	7 8	7 8	6 0	6 0	6 0	8 0	8 0	8 0	Cuttack.
10 8	9 0	9 2	3 8 0	3 12 0	.....	5 0	5 0	5 0	5 0	5 0	5 0	7 8	7 8	7 8	Pooree.
9 0	10 0	9 0	3 12 0	3 11 0	4 2 0	5 0	4 8	5 0	5 0	5 0	5 0	8 0	8 0	8 0	Balasore.
7 0	9 0	9 0	4 4 0	4 4 0	4 2 0	4 8	3 0	3 8	3 8	3 8	3 8	7 8	6 0	6 0	CHOTA NAGPORE.
8 0	8 0	6 0	4 7 0	4 6 0	5 8 0	3 0	3 0	3 0	4 8	4 8	4 8	12 8	12 0	12 0	South-Western Frontier Agency.
10 10	10 10	10 0	3 9 0	3 9 0	3 8 0	4 11	4 11	4 11	4 0	4 0	4 0	10 0	10 0	10 0	Hazarabagh.
9 0	9 0	9 0	4 4 0	4 4 0	4 2 0	4 8	3 0	3 8	3 8	3 8	3 8	7 8	6 0	6 0	Lohardugga.
8 0	8 0	6 0	4 7 0	4 6 0	5 8 0	3 0	3 0	3 0	4 8	4 8	4 8	13 0	13 0	13 0	Singbhoom.
10 10	10 10	10 0	3 9 0	3 9 0	3 8 0	4 11	4 11	4 11	4 0	4 0	4 0	10 0	10 0	10 0	Manbhoom.

* During the field season.

† Agricultural labourers are generally paid in kind, ordinarily 2½ seers of dhan or murwa are given as daily wages.

22 In the sub-divisions the retail price of salt at Begusarai and Jamui was 11 seers per rupee.

24 In the sub-divisions the retail prices of salt per rupee were:—Banka 13 seers, Madhupura 10½ seers, and Soopole 11 seers.

25 In the sub-divisions the retail prices of salt per rupee were:—At Khasungunge 10 seers, and at Khasungunge in Arrarrah sub-division 11 seers.

26 The retail price of salt at Godda was 11 seers per rupee.

26 The retail price of salt at Chattri was 10 seers and at Kharrackdiha 11 seers.

27 In the interior the retail price of salt ranged from 11 to 12 seers.

Published for general information.

COLMAN MACAULAY,
Secretary to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Fire-wood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBUSH MILLER— CUMBOO BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 6 0	2 6 0	2 13 0	1 15 0	1 15 0	2 1 0	4 8 0	4 8 0	3 12 0	3 0 0	3 0 0	2 8 0	2 10 0	2 10 0	2 0 0
2	Serajunge ...	2 4 0	2 4 0	1 14 0	...	...	...	3 10 0	3 12 0	4 0 0	2 6 0	2 6 0	2 4 0	...	...	...
3	Dacca ...	2 6 0	2 6 0	3 2 0	...	1 14 0	2 0 0	3 2 0	3 2 0	2 8 0	2 7 0	2 10 0	2 0 0	...	...	...
4	Narsingunge ...	...	...	...	...	...	...	2 8 0	2 8 0	2 2 0	2 6 0	2 6 0	1 12 0	...	...	...
5	Chittagong ...	2 11 0	3 0 0	3 0 0	...	...	...	3 0 0	3 0 0	2 14 0	2 6 0	2 6 0	2 0 0	...	...	...
6	Patna ...	1 14 6	1 14 6	2 3 0	1 11 6	1 11 6	1 3 0	3 1 0	3 1 0	2 11 0	2 13 9	2 13 9	2 5 9	...	...	...
7	Balasore ...	2 2 0	2 2 0	2 14 0	3 2 0	3 2 0	...	3 0 0	3 0 0	2 8 0	1 13 0	1 13 0	1 5 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	...	1 12 0	2 2 0	...	...	...
9	Cuttack ...	2 5 0	2 5 0	2 10 0	...	...	...	3 0 0	3 0 0	3 0 0	2 5 0	2 0 0	1 11 0	...	...	...

CALCUTTA,
The 22nd July 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 15th July 1884.

OF 40 BARS.

GRASS MILLET— CHOLU JOWAR			LESSER MILLET— RAGI OR MURWA AND CHENNA.			MAISE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
...	240	...	...	...	...	...	...	...	220	220	240	0500	500	63	219	03	120	Calcutta.
...	340	240	0360	...	...	...	...	3203	00	Serajunge.
...	210	260	0240	0700	700	40	220	3203	40	Dacca.
...	240	240	0380	0700	700	70	3003	003	20	Narainjung.
...	280	280	0300	0400	400	53	4004	004	00	Chittagong.
...	111	0111	6130	196	196	180	0500	500	50	2203	203	00	Patna.
...	210	210	02140	0500	500	54	3803	1304	50	Balasore.
...	2802	602	120	Pooree.
...	116	0350	800	...	...	...	1100	110	0220	0800	800	80	219	03	120	Cuttack.

Published for general information.

COLMAN MACAULAY,
Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													Average humidity at 10 A. M.	Average cloud amount at 10 A. M. for week.
			AIR PRESSURE.			WIND.		TEMPERATURE.									
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Lowest during week.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A. M. temperature.			
ORIGINAL.	Pooree	Gopalpore ...	29.557	29.607	—	S	404	87.0	79.8	85.3	80.7	83.0	—	83.3	81	7.1	
	False Point ...	False Point ...	29.591	29.612	—0.019	SW	350	91.5	75.1	88.0	78.4	85.3	—0.9	85.9	79	7.6	
	Cuttack	Cuttack	29.628	29.609	—0.019	NW	86	93.4	77.3	90.8	79.4	85.1	+1.3	87.1	69	6.6	
	Balasore	Balasore	29.558	29.610	—	S	159	92.0	76.7	89.4	78.8	83.6	—	85.3	80	7.8	
SOUTH-WEST BENGAL.	South-West Midnapore	Saugor Island ...	29.611	29.637	+0.027	SW	312	92.2	78.0	88.0	80.4	84.7	+1.0	85.8	83	7.7	
	South 24-Pergunnahs	Midnapore	29.480	29.630	—	Easterly	121.5	103.3	76.3	89.4	78.4	83.0	—	85.3	78	6.9	
	24-Pergunnahs	Calcutta	29.614	29.635	+0.021	SE	147	93.0	77.2	89.4	78.6	83.8	+0.2	83.8	85	8.7	
	Howrah	Burdwan	29.532	29.631	+0.099	SE	89	104.0	70.9	90.8	79.0	84.0	+0.3	85.3	77	7.7	
	Hooghly	Bankura	29.532	29.631	+0.099	SE	89	104.0	70.9	90.8	79.0	84.0	+0.3	85.3	77	7.7	
	Burdwan	Beerbhoom	29.205	—	—	SE	146.0	95.0	74.0	90.6	77.2	83.9	—	84.8	78	5.9	
	Bankura	West Burdwan	29.583	29.640	+0.057	E	117.1	94.2	77.8	90.7	79.1	84.9	—0.3	85.0	82	9.8	
	Beerbhoom	Moorshedabad	Observatory not started.														
	West Burdwan	Nuddea	Observatory not started.														
	Moorshedabad	Jessore	29.623	29.650	+0.027	S	127	93.3	76.4	89.5	78.8	84.1	+0.1	85.7	84	8.9	
	Nuddea	Khoolna	29.623	29.650	+0.027	S	127	93.3	76.4	89.5	78.8	84.1	+0.1	85.7	84	8.9	
	Jessore	Chittagong	29.623	29.714	+0.091	SE	117	89.1	76.0	88.9	79.5	81.2	—0.1	83.8	81	6.7	
EAST BENGAL.	Khoolna	Chittagong Hill Tracts	Observations not received.														
	Chittagong	Barisal	29.654	—	—	SE	117.3	88.1	75.9	85.5	78.1	81.8	—	83.2	85	6.1	
	Chittagong Hill Tracts	Noakholly	29.708	29.751	—	SE	318.1	89.0	75.5	86.8	77.7	82.3	—	83.6	83	6.3	
	Backergunge	Noakholly	29.640	—	—	Variable	103.5	90.5	77.0	88.4	78.7	83.0	—	84.7	81	5.6	
	Noakholly	Furriedpore	29.657	29.679	+0.022	SSE	144	91.8	76.1	88.8	78.2	83.5	—0.2	84.7	84	6.9	
	Furriedpore	Dacca	29.646	29.680	—	NW	82.0	92.3	76.3	88.6	77.0	82.8	—	84.2	?	8.8	
	Dacca	Comillah	29.614	—	—	SSE	138.7	93.3	78.0	89.7	78.7	84.2	—	84.6	?	7.7	
	Comillah	Mymensingh	29.623	29.650	—	Easterly	101.7	92.1	76.2	88.5	78.2	83.4	—	84.2	83	7.7	
	Mymensingh	Bogra and Pubna	29.557	29.637	—	Variable	out of order	92.0	76.0	90.3	77.9	84.1	—	85.0	78	4.7	
	Bogra and Pubna	Rajshahy	29.480	29.600	—	SE	125.1	93.0	77.1	90.7	79.2	84.9	—	85.5	81	4.4	
	Rajshahy	Dinapore	?	?	—	Variable	108	94.8	76.5	91.1	78.1	84.6	—	85.4	80	6.0	
	Dinapore	Rungpore	?	?	—	Variable	108	94.8	76.5	91.1	78.1	84.6	—	85.4	80	6.0	
NORTH BENGAL.	Rungpore	Julpigoree	29.374	29.659	—	E	110.4	93.0	76.1	90.1	77.6	83.8	—	84.8	84	4.9	
	Julpigoree	Cooch Behar	29.374	29.659	—	E	110.4	93.0	76.1	90.1	77.6	83.8	—	84.8	84	4.9	
	Cooch Behar	Darjeeling Hill Districts	29.928	—	—	ENE & Calm	34	69.0	49.6	67.3	54.9	61.1	—	63.0	98	8.7	
	Darjeeling Hill Districts	Purneah	29.534	29.649	+0.115	Calm	48	93.7	75.8	92.1	77.5	84.8	—0.4	86.5	80	8.7	
	Purneah	North Bhagulpore	29.403	—	—	ESE	—	93.2	77.0	92.3	79.0	85.6	—	84.7	80	5.1	
	North Bhagulpore	Mozufferpore	29.473	29.641	+0.168	ESE	134	92.0	76.5	90.6	80.6	85.6	+0.4	86.2	80	4.9	
	Mozufferpore	Durbhunga	29.402	29.629	—	SE	222.7	94.0	71.3	91.3	77.4	84.3	—	84.3	77	5.9	
	Durbhunga	Chumpran	29.423	—	—	E	82.4	93.5	77.5	90.6	79.6	85.1	—	87.9	75	4.8	
	Chumpran	Saran	29.247	29.598	—	E	284.0	98.4	71.0	87.9	78.1	83.0	—	80.5	75	5.3	
	Saran	Shahabad	29.367	29.607	—	E	202.0	90.4	77.2	88.8	78.5	82.7	—	86.3	76	7.1	
	Shahabad	Buxar	29.387	29.580	—	ESE	212.4	93.4	77.6	90.8	79.6	85.2	—	86.1	79	4.9	
	Buxar	Gya	29.209	29.583	?	Variable	?	95.7	76.3	93.0	77.3	86.2	+0.7	87.9	70	10.0	
SOUTH BENGAL.	Gya	Patna	29.448	29.630	+0.182	E	130	93.4	78.2	90.5	80.5	85.6	—0.6	86.5	78	7.3	
	Patna	Bankipore	29.460	29.621	—	SE	86.0	92.9	77.5	90.9	78.8	84.4	—	85.6	77	5.7	
	Bankipore	South Bhagulpore	29.460	29.621	—	SE	86.0	92.9	77.5	90.9	78.8	84.4	—	85.6	77	5.7	
	South Bhagulpore	Monghyr	29.460	29.621	—	SE	86.0	92.9	77.5	90.9	78.8	84.4	—	85.6	77	5.7	
	Monghyr	Sonthal Pergunnahs	29.124	—	—	E & Calm	—	92.6	77.3	89.9	78.3	84.1	—	85.7	91	4.1	
	Sonthal Pergunnahs	Hasaribagh	27.037	29.019	+0.032	Variable	237	88.0	71.7	84.5	78.3	78.9	—0.6	78.2	85	10.0	
	Hasaribagh	Lohardugga	27.506	29.014	—	—	—	85.0	70.7	82.0	71.9	77.0	—	78.8	83	9.6	
	Lohardugga	Manbhoom	27.506	29.014	—	—	—	85.0	70.7	82.0	71.9	77.0	—	78.8	83	9.6	
Manbhoom	Singhbhoom	28.638	—	—	Variable	63.0	91.0	74.2	88.2	76.0	83.1	—	84.2	76	7.1		
Singhbhoom	Chyobassan	28.638	—	—	Variable	63.0	91.0	74.2	88.2	76.0	83.1	—	84.2	76	7.1		

Explanation of Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the rainfall are the numerical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisions from the district, (i.e.) the total rainfall at the sub-divisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 18th July 1884.

Rainfall of week at observing stations.	DISTRICT OBSERVATIONS.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
	RAINFALL.												
	Of week.		Since 1st of month.			Since 18th May.			Average number of rainy days.	Normal number of rainy days.			
	Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
2'00	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA
2'25	—	3'84	—	7'30	—	—	18'83	—	—	4'5	False Point	—	
1'54	—	3'40	—	7'40	—	—	18'81	—	—	3'7	Cuttack	Cuttack	
1'11	—	4'12	—	8'21	—	—	18'61	—	—	4'2	Balasore	Balasore	
2'06	2'20	4'29	8'05	8'84	-0'79	22'47	21'22	+1'25	5'0	4'0	Saugor Island	South-West Midnapore	MIDNAPORE
2'07	2'09	5'00	7'46	7'16	+0'30	14'87	18'85	-3'98	4'0	4'2	Midnapore	Midnapore	
1'83	1'53	2'73	4'00	6'24	-2'34	10'15	10'11	-2'06	5'7	5'2	Calcutta	24-Pergunnahs	
2'70	1'43	2'08	2'96	5'13	-2'17	14'08	10'52	-2'40	3'0	4'0	Burdwan	Howrah	
1'86	2'13	3'20	5'06	6'01	-0'95	13'45	20'00	-0'55	5'0	4'3	Hanigunge	Hooghly	SOUTH-WEST BENGAL
0'41	0'48	2'40	3'40	6'48	-3'08	13'31	18'56	-5'25	3'0	3'0	Herhampore	Burdwan	
0'96	0'96	1'61	4'05	5'76	-1'70	15'00	19'27	-3'57	2'8	3'0	.....	Bankoora
2'26	1'60	2'76	4'94	6'21	-1'27	23'72	22'17	+1'55	3'0	4'0	Jessore	Heerhoom	
2'72	2'37	7'42	13'73	15'76	-2'03	21'08	21'72	-0'64	6'5	5'5	Chittagong	West Burdwan	JESSORE
2'31	2'31	3'48	6'89	9'21	-2'32	31'70	32'02	-1'13	6'0	6'0	Demagiri	Moorshedabad	
3'08	2'40	4'27	11'01	9'77	+2'14	37'06	34'38	+2'68	3'8	5'0	Barrisal	Nuddea	
2'15	1'64	5'06	11'51	12'31	-0'80	39'56	47'14	-7'58	4'5	5'7	Noakholly	Jessore	
0'91	0'91	2'03	3'36	6'20	-2'24	19'50	23'32	-3'76	3'7	5'0	Furzedpore	Khoolna	BANGALORE
1'74	2'63	3'59	6'19	7'23	-1'03	23'90	24'02	-0'10	5'7	4'6	Dacca	Chittagong Hill Tracts	
2'72	2'96	3'03	9'35	7'40	+1'95	32'80	29'58	+3'22	4'8	5'0	Commillah	Backergunge	
2'67	2'74	2'64	6'35	7'88	-1'53	29'27	29'45	-0'18	5'0	4'2	Mymensingh	Noakholly	
2'48	1'88	2'73	6'01	6'06	-0'05	20'20	23'02	-2'82	3'3	4'1	Sornjunge	Furzedpore	NORTH BENGAL
1'23	1'53	3'01	4'07	7'00	-3'83	17'33	21'14	-3'83	3'7	3'9	Rampore Beaulah	Dacca	
0'76	1'59	2'35	6'01	6'07	-0'06	22'00	24'40	-2'40	2'8	4'5	Dinagore	Commillah	
0'62	0'48	2'55	6'14	8'00	-2'40	28'18	30'35	-2'17	2'3	3'3	Rungpore	Mymensingh	
1'71	1'19	4'41	11'87	10'42	+1'45	52'60	51'33	+1'27	3'6	4'1	Julpigoree	Borra and Pubna	NORTH BENGAL
3'30	6'06	8'08	—	24'67	—	—	70'08	—	5'5	5'4	Darjeeling	Rajshahye	
0'79	0'38	2'50	10'72	7'67	+3'06	22'32	21'77	+0'55	1'8	3'0	Purneah	Dinagore	
0'66	0'33	2'03	6'40	6'45	-0'05	14'10	15'41	-1'22	1'3	2'0	Durbhunga	Rungpore	
0'54	—	—	—	—	—	—	—	—	—	—	—	—	NORTH BENGAL
2'21	1'19	1'97	9'36	6'78	+2'61	118'96	16'00	+2'96	3'0	2'8	Motihari	Julpigoree	
0'69	0'47	2'12	6'18	6'48	-0'30	11'48	14'14	-2'66	1'5	3'4	Chupra	Cooch Behar	
1'80	—	—	—	—	—	—	—	—	—	—	—	—	
0'80	1'72	2'27	5'84	5'99	-0'15	9'07	12'09	-3'02	2'3	3'6	Buzar	Darjeeling Hill Districts	NORTH BENGAL
1'43	—	—	—	—	—	—	—	—	—	—	—	—	
1'22	0'67	2'32	5'37	6'30	-0'93	9'48	13'24	-3'76	2'3	3'4	Gya	Purneah	
1'20	0'72	2'07	5'37	6'48	-1'11	11'48	14'46	-2'98	2'0	3'0	Banarpore	North Bhagulpore	
2'17	1'50	1'96	4'86	6'05	-1'19	12'08	14'45	-2'37	3'0	4'0	Bhagulpore	Moasserpore	SOUTH BENGAL
0'70	1'46	2'47	4'31	6'04	-2'13	13'78	18'29	-4'51	4'3	4'2	Dooma	Durbhunga	
2'14	1'57	2'42	4'09	7'05	-2'96	9'99	16'04	-7'05	5'0	4'3	Hasaribagh	Chumpanan	
4'02	1'66	2'02	5'44	7'20	-1'76	10'97	16'55	-5'59	5'0	4'8	Ranchee	South Bhagulpore	
1'98	1'76	2'76	5'84	7'36	+0'97	15'76	18'04	-2'28	5'0	5'0	Chayenasa	Monghyr	CHAYENASA
—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	

period for the past one year. The variations are *negatives* when the mean for the week is less than the corresponding normal mean, and *positives* when greater by 10. The number denoting cloud amount represent the part of the sky covered, the whole sky being denoted by 10. Under the head "district observations" for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received day is one on which at least an hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th July 1884.

Meteorological division.	District.	Station.	RAINFALL.							Total.		Total rainfall from 1st to 18th July 1884.	Average total rainfall from 1st to 18th July.	Total rainfall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday 12th July.	Sunday, 13th July.	Monday, 14th July.	Tuesday, 15th July.	Wednesday, 16th July.	Thursday, 17th July.	Friday, 18th July.	Number of rainy days.	of Rainfall week.				
ORISSA	Poores	Poores	0.16	0.08	0.77	0.40	0.53	0.05	4	1.84	7.19	6.00	15.22	16.50
		Khurdah	.....	.....	.....	0.07	0.22	0.51	.....	.....	.....	7.07	10.89	10.89
		Bampur	.....	.....	.....	0.02	0.00	.....	.....	.....	.....	7.05	17.98	17.98
		False Point	0.07	0.19	0.22	0.04	0.04	0.54	6	2.88	6.41	8.81	14.79	20.05
		Hookitola	.....	0.43	0.32	0.5	0.04	.....	.....	.....	.....	?	?	?
	Outlook	Jagatsingpore	0.18	.....	0.00	0.12	.....	.....	.....	.....	.....	6.11	14.53	14.53
		Banki	.....	.....	.....	0.31	0.34	.....	.....	.....	.....	?	?	?
		Cuttack	0.10	0.07	0.28	0.26	4	0.91	8.64	8.19	21.82	21.82
		Kondrapara	.....	.....	0.03	0.37	0.00	.....	0.45	.....	.....	7.55	16.25	16.25
		Jajpore	0.24	.....	.....	.....	.....	0.21	.....	.....	.....	8.12	20.05	20.05
Balasore	Chandbali	.....	.....	.....	0.07	0.14	0.44	.....	.....	.....	7.97	17.71	17.71	
	Bhuddruck	0.21	.....	.....	.....	0.30	.....	0.20	3	0.91	8.40	7.23	19.63	19.63
	Sorah	0.10	.....	0.10	0.32	0.30	.....	.....	.....	.....	6.59	15.86	15.86	
	Balasore	0.26	.....	0.42	0.05	0.17	0.20	0.07	6	1.17	5.90	6.53	24.60	24.60
	Jaraisore	0.20	2.20	.....	.....	1.00	0.20	.....	4	3.60	6.20	9.89	12.44	19.84
Baripodah	0.35	0.42	0.78	0.22	0.33	0.20	0.20	7	2.56	6.26	8.92	19.98	20.50		
SOUTH-WEST BENGAL.	Midnapore	Contai	0.90	0.11	0.75	0.18	1.32	5	3.26	6.11	8.87	20.77	20.38
		Sauger Island	0.80	0.07	0.17	0.07	4	1.20	9.09	9.20	23.74	21.78
		Tumlook	1.40	0.10	2	2.30	5.50	6.22	17.00	16.05
		Midnapore	0.83	0.43	0.13	0.17	0.36	5	1.82	10.28	6.44	14.00	17.97
		Ghatal	1.22	0.48	0.00	0.22	0.16	5	2.14	6.59	8.53	13.46	20.93
	24-Pergunnah	Diamond Harbour.	0.79	0.40	0.35	0.03	0.31	0.19	6	2.13	8.94	8.44	22.89	20.98
		Alipore Jail	0.24	0.30	0.80	0.24	0.25	0.11	6	1.94	4.06	6.73	12.00	19.78
		Barrackpore	0.60	0.05	0.20	0.10	0.00	5	1.16	3.01	5.58	10.29	18.87
		Dum-Dum	0.60	0.05	0.14	0.01	0.50	0.41	0.35	7	2.18	5.43	6.81	17.35	18.07
		Barasat	0.23	0.21	0.14	0.11	0.18	5	0.87	3.44	6.13	16.23	18.01
Huseerhat	0.43	0.83	.....	.....	0.08	0.11	0.07	5	1.57	4.01	6.06	18.53	21.47	
Howrah	Howrah	0.30	0.47	0.16	0.15	0.21	0.21	0.04	7	1.54	2.72	6.40	14.44	18.08	
	Mohesooka (Oloberiah.)	0.71	0.08	0.03	0.08	0.38	0.15	0.07	7	2.12	4.73	7.24	16.41	19.70	
Hooghly	Serampore	0.97	0.00	.....	0.40	0.24	.....	0.13	5	1.88	5.05	5.79	21.14	17.91
	Hooghly	0.27	0.04	.....	0.11	0.17	.....	0.29	5	0.88	2.89	5.20	21.90	17.10
Jehanabad	0.35	.....	0.01	.....	0.41	0.07	0.08	0.08	6	1.12	3.45	7.57	10.44	20.21
Burdwan	Culina	.....	.....	.....	0.27	.....	0.03	.....	2	1.20	3.01	5.35	13.88	16.18
	Hurdwan	0.35	1.13	.....	0.45	0.60	0.16	.....	5	2.76	4.21	5.04	10.00	10.00
	Cutwa	.....	.....	0.22	.....	0.09	.....	.....	2	0.31	1.67	5.00	9.36	10.85
	Raneegunge	0.52	0.43	0.14	.....	0.33	0.13	0.30	6	1.86	6.24	6.08	18.40	17.50
Bankoora	Bankoora	0.45	0.11	1.70	0.21	0.80	0.25	0.27	7	2.70	6.20	6.82	16.84	18.76	
	Hishenpore	1.33	.....	.....	0.14	.....	.....	.....	2	1.47	4.94	5.75	12.40	19.79
	Malara	0.38	.....	0.18	0.31	0.40	.....	.....	4	1.94	5.77	6.51	12.01	10.01
	Khatra	0.34	0.03	0.52	.....	1.38	0.38	0.16	6	2.88	8.20	8.08	16.63	23.03
Beerbhoom	Rh. Boory	0.33	.....	0.01	.....	0.14	0.37	0.04	5	0.89	4.39	7.38	11.64	20.21
	Hetanpore	.....	.....	.....	.....	0.14	0.37	0.04	5	0.89	4.39	7.38	11.64	20.21
Nuddea	Bongora	0.15	.....	.....	.....	.....	.....	0.45	2	0.60	3.43	6.05	16.23	20.03
	Ranaghat	.....	.....	.....	.....	1.10	.....	0.24	2	1.38	4.04	5.40	17.78	18.17
	Kishinaghat	.....	0.48	.....	.....	.....	0.16	0.67	2	1.14	4.06	5.40	13.88	17.34
	Choudanga	.....	0.02	.....	.....	.....	0.01	.....	2	0.02	4.55	5.07	17.18	19.91
	Meherpore	0.00	0.30	.....	.....	0.15	0.16	.....	4	0.75	2.36	5.43	13.10	18.33
Koosita	0.01	0.26	.....	.....	1.34	0.20	.....	4	1.83	5.67	6.10	18.28	21.61	
Khowda	Satkira	0.00	0.21	0.00	.....	0.40	.....	0.03	5	0.85	6.10	7.08	25.48	22.57
	Bakhat	1.47	0.40	.....	.....	0.02	0.37	.....	5	0.76	7.47	6.37	25.53	25.53
Khowda	0.40	.....	.....	.....	1.50	.....	0.76	8	2.71	7.33	6.37	20.70	21.80	
Jessore	Narail	.....	.....	0.09	0.10	0.11	0.04	0.41	5	1.95	2.72	5.02	16.70	19.93
	Jessore	0.10	.....	0.74	0.22	.....	0.16	0.29	5	1.61	5.34	5.62	22.30	22.08
	Jhondah	.....	0.03	.....	.....	.....	0.12	0.17	3	0.93	5.83	5.70	22.21	22.21
	Mugoorah	.....	.....	.....	.....	.....	0.12	.....	1	0.12	1.99	6.65	20.79	21.00
Moorshedabad	Kandi	.....	0.11	.....	.....	0.07	0.02	.....	3	0.20	1.92	7.74	11.72	20.19
	Rampore Ham	0.01	.....	.....	.....	0.37	0.33	0.08	4	0.70	3.46	5.23	17.08	17.08
	Berhampore	0.17	.....	.....	.....	0.07	0.17	0.10	4	0.51	2.98	6.53	12.51	19.87
	Lalbagh	.....	.....	.....	.....	0.11	0.22	.....	2	0.68	3.34	5.86	14.58	17.40
	Asansunge	.....	.....	.....	.....	0.13	0.40	0.05	3	0.64	4.67	8.72	14.44	18.30
	Junkipore	.....	.....	.....	.....	.....	0.25	.....	1	0.25	2.33	6.02	10.70	17.85
	Lalga	0.01	0.03	.....	.....	0.08	0.16	.....	4	0.31	4.00	7.07	18.67	18.66
CHITTAGONG.	Cox's Bazar	0.02	1.74	0.09	0.63	0.38	0.40	1.14	7	4.44	19.00	21.70	63.40	63.06	
	Chittagong	0.50	0.25	0.63	0.23	0.23	.....	.....	7	.....	9.81	9.81	20.78	20.78
	Ranramati	0.43	.....	0.06	1.26	0.12	0.13	0.32	6	2.31	6.89	9.21	31.79	23.08
	Kaucha	0.18	0.85	0.47	0.05	0.57	0.20	0.05	7	2.35	6.32	?	42.12	?	
	Agartola	.....	.....	1.47	1.31	0.12	1.09	0.38	6	4.37	9.10	6.18	31.18	25.13
Backergunge	Patuakhally	1.40	0.05	.....	.....	.....	0.30	.....	3	1.75	7.65	12.07	35.90	40.30
	Ferozepore	0.74	.....	.....	.....	.....	0.40	.....	3	1.14	9.73	8.57	26.30	28.69
	Burrial	0.00	0.05	0.08	.....	.....	0.32	0.75	5	3.80	10.74	7.90	34.76	29.13
	Bhola	1.45	0.08	0.80	.....	.....	0.20	1.83	5	4.42	19.48	10.48	43.23	29.45
Noakholly	Noakholly	0.00	0.41	0.02	.....	.....	0.30	0.29	5	2.10	11.86	12.13	29.32	40.54
	Fenny	.....	.....	0.32	0.30	.....	0.18	0.42	4	1.17	11.64	12.47	40.80	40.74
Furzedpore	Madaripore	.....	0.76	.....	.....	0.26	.....	0.22	3	1.82	3.94	6.33	17.24	24.10
	Furzedpore	.....	.....	0.06	.....	0.11	0.04	0.57	4	0.78	3.13	6.42	21.71	23.97
Goalundo	.....	0.30	.....	.....	.....	0.12	0.03	0.25	4	0.03	4.81	5.83	19.66	21.28
Dacca	Munshigunge	0.71	.....	1.24	.....	0.21	0.09	1.00	5	3.31	6.74	8.90	24.80	29.53
	Dacca	0.74	0.05	0.46	.....	0.38	0.08	0.33	6	2.02	8.70	6.58	22.74	24.70
	Naraingunge	0.30	.....	.....	.....	0.19	0.03	1.75	6	2.33	4.76	?	18.24	?
	Mamtagunge	0.15	0.05	0.55	.....	0.45	0.14	1.23	6	2.97	6.04	6.21	23.71	19.77
Comilla	Comilla	0.15	.....	2.54	0.58	0.02	0.06	0.58	6	3.91	13.08	8.29	27.83	35.08
	Chandpore	0.15	.....	.....	.....	0.05	0.50	0.50	3	4.50	8.40	8.40	27.40	27.40
	Brahmunberia	0.05	.....	1.10	.....	1.07	0.45	0.40	5	3.07	6.92	6.00	37.07	37.13
Mymensingh	Kishoregunge	.....	.....	0.32	.....	0.50	0.18	0.22	4	1.21	5.90	7.25	23.90	21.90
	Atia	.....	0.35	.....	.....	0.79	0.02	0.08	4	1.74	5.92	6.50	18.51	24.77
	Mymensingh	0.07	0.13	0.04	.....	0.79	1.35	0.17	6	2.55	6.00	8.03	27.10	22.60
	Jamulpore	0.06	0.16	.....	.....	0.40	1.83	0.06	5	2.82	6.21	7.22	27.34	20.18
	Netrokona	.....	.....	0.20	.....	0.10	1.00	1.07	4	2.48	6.28	?	33.75	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th July 1884—concluded.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall from 1st to 18th July 1884.	Average total rain-fall from 1st to 18th July.	Total rain-fall since 1st May 1884.	Average rainfall from 1st May to date.
			Saturday, 12th July.	Sunday, 13th July.	Monday, 14th July.	Tuesday, 15th July.	Wednesday, 16th July.	Thursday, 17th July.	Friday, 18th July.	Number of rainy days.	of Rainfall week.				
NORTH BENGAL	Pubna	Pubna	0'03	0'18	.....	.....	1'00	0'30	0'27	4	1'72	6'70	0'50	10'05	20'73
		Seraingunge	0'03	.....	.....	.....	1'20	0'00	0'00	4	2'31	7'45	0'53	10'17	22'02
	Bogra	Sherpore	.....	.....	.....	1'65	.....	.....	0'60	2	2'25	5'33	0'51	23'01	25'27
		Nowshilla	.....	0'30	.....	.....	0'63	0'00	0'24	4	1'53	5'14	0'50	21'40	21'43
		Hotra	0'00	.....	0'41	.....	2'35	1'20	0'15	5	4'69	0'54	0'50	27'20	27'16
	Rajshahye	Paanchibibi	.....	.....	0'14	.....	1'32	.....	.....	2	1'46	7'43	0'50	21'78	23'41
		Beaulah	.....	0'75	.....	.....	0'60	0'13	0'03	4	1'31	4'00	7'00	15'78	20'51
		Natore	.....	.....	.....	.....	.....	1'70	0'30	2	2'00	4'15	0'12	14'47	22'04
	Maldah	Nowgong	.....	.....	.....	.....	.....	.....	0'05	2	1'75	0'51	?	20'70	?
		Maldah	0'31	0'02	0'02	.....	0'66	0'24	.....	5	1'25	8'37	7'70	17'83	20'03
	Dinapore	Mohadebporo	.....	.....	.....	1'07	0'08	.....	0'07	3	1'22	3'51	0'80	16'04	24'71
		Churamson	.....	.....	.....	.....	2'00	.....	.....	1	2'00	0'44	0'05	20'05	20'54
		Kaungong	.....	.....	.....	.....	1'48	0'34	.....	2	1'82	0'55	0'44	21'36	23'57
		Dinapore	.....	0'33	.....	0'05	.....	0'10	0'42	5	1'36	0'00	7'02	21'70	23'77
	Rungpore	Baloorghat	.....	.....	0'32	.....	1'34	0'22	0'21	4	2'00	0'82	?	20'38	?
		Bhawangunge (Gyabanda)	.....	.....	.....	.....	.....	0'58	.....	1	0'58	0'66	0'60	28'30	27'40
		Rungpore	0'01	.....	.....	.....	0'23	0'05	.....	3	0'29	4'12	11'00	20'14	26'57
		Kurigram	.....	.....	.....	.....	.....	0'12	.....	1	0'12	0'03	0'20	20'22	27'74
	Jalpigore	Baghaura (Nalbamari)	.....	.....	0'77	0'07	.....	0'06	0'03	4	0'93	0'54	7'00	28'04	43'60
		Jalpigore	.....	0'10	1'08	.....	0'10	0'25	0'22	5	1'04	10'36	10'00	47'39	52'11
	Cooch Behar	Dinhatta	.....	.....	1'12	1'20	.....	0'50	0'05	4	2'81	0'71	0'58	40'00	49'39
		Cooch Behar	.....	.....	.....	.....	0'25	0'25	0'05	3	0'55	14'39	12'33	74'48	54'53
		Mekligunge	.....	.....	.....	.....	0'13	.....	0'00	2	0'28	0'80	7'00	49'77	47'03
		Matabhanga	.....	.....	.....	0'34	0'06	0'05	0'07	4	0'52	12'05	9'10	40'77	53'73
	Darjeeling Hill	Buxa	0'20	3'20	4'00	2'20	.....	0'44	.....	5	10'73	24'79	23'09	70'07	91'23
		Siliguri	1'32	0'03	.....	.....	.....	1'30	0'55	4	3'80	22'13	?	41'80	?
		Darjeeling	1'61	0'11	0'07	.....	0'42	0'01	0'14	6	3'16	17'05	17'05	40'84	40'84
		Kalimpong	0'08	.....	.....	.....	0'20	0'43	0'01	4	1'41	11'06	?	20'01	?
NORTH BENGAL	Purneah	Kisengunge	.....	.....	.....	.....	0'40	.....	0'05	3	0'45	10'52	0'08	33'82	39'71
		Arrareah	.....	.....	.....	.....	.....	0'37	.....	1	0'37	12'24	0'11	20'00	24'33
		Purneah	.....	0'20	0'28	.....	0'20	.....	0'02	4	0'70	12'70	7'10	25'10	31'0
	North Bhagulpore	Maddapore	0'00	.....	.....	.....	.....	.....	.....	1	0'00	6'20	7'10	15'00	17'77
		Scopool	0'20	.....	.....	.....	.....	.....	.....	1	0'20	5'00	5'00	13'05	17'10
	Durbhanga	Tajpore	0'16	.....	.....	.....	.....	.....	.....	1	0'16	0'00	7'01	13'33	15'23
		Durbhanga	0'51	.....	.....	.....	.....	.....	.....	1	0'51	3'53	0'30	10'75	10'21
		Madhubani	0'22	.....	.....	.....	.....	.....	.....	1	0'22	0'87	0'40	14'44	15'71
	Mozufferpore	Sitamari	.....	.....	0'21	.....	0'12	.....	.....	2	0'33	0'14	0'00	15'38	15'40
		Mozufferpore	0'00	.....	0'43	.....	.....	.....	.....	2	0'43	3'30	7'55	11'53	15'05
		Hajipore	0'21	.....	.....	.....	.....	.....	.....	1	0'21	10'47	0'00	20'11	14'40
	Chumpran	Motihari	.....	.....	1'02	.....	0'09	.....	.....	2	2'00	0'20	5'52	10'07	14'46
		Bettiah	.....	.....	0'16	.....	0'37	.....	.....	2	0'53	0'66	0'40	18'30	19'79
	Saran	Gopalgunge	0'02	.....	0'63	0'03	0'36	0'01	.....	5	1'04	10'22	6'20	18'60	14'75
		Saran	0'21	.....	.....	.....	0'34	.....	.....	2	0'55	0'21	0'70	15'30	15'30
		Chuprah	.....	0'38	.....	.....	.....	.....	.....	1	0'38	7'11	0'18	13'50	15'05
SOUTH BENGAL	Shahabad	Buxar	.....	0'23	.....	.....	0'15	.....	.....	2	0'38	4'59	0'05	0'35	11'46
		Dohree	.....	.....	0'30	.....	1'05	0'10	.....	3	1'45	0'20	?	0'71	?
		Shuboonah	.....	.....	.....	2'05	1'00	.....	.....	2	3'05	7'10	0'70	8'07	12'70
		Baseraim	.....	.....	.....	0'15	1'13	.....	.....	2	1'27	4'00	0'07	0'05	11'74
		Arrah	0'14	0'20	.....	.....	1'17	.....	.....	3	1'50	7'00	5'61	11'03	12'43
	Gya	Aurungabad	.....	.....	.....	.....	1'18	0'20	.....	3	1'38	7'03	0'40	12'50	13'00
		Gya	.....	.....	.....	0'49	0'40	0'03	0'16	4	1'14	0'44	0'07	0'45	13'51
		Nowadah	.....	0'37	.....	0'47	0'11	.....	.....	3	0'95	3'70	0'40	0'17	13'56
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	Nil	.....	0'50	0'34	0'75	12'03
	Patna	Patna	1'05	.....	.....	.....	.....	.....	.....	1	1'05	0'34	0'14	14'35	14'75
		Dinapore	0'31	.....	.....	.....	.....	.....	.....	1	0'31	0'45	0'22	15'22	15'60
		Behar	0'58	.....	.....	.....	0'37	0'06	.....	3	1'00	3'04	0'70	0'02	15'34
		Barh	0'35	0'15	.....	.....	0'08	.....	.....	3	0'53	4'01	7'08	0'01	15'87
	Monghyr	Begooceera	0'43	.....	.....	.....	0'30	.....	.....	2	0'72	3'08	0'07	0'06	13'36
		Monghyr	1'11	0'19	1'33	.....	0'49	0'07	.....	5	3'35	7'34	0'23	14'64	16'5
		Jamun	0'33	.....	0'21	.....	.....	.....	0'29	3	0'53	0'51	0'37	13'35	15'23
	South Bhagulpore	Rhagulpore	0'35	0'43	.....	.....	0'42	.....	0'14	4	1'34	4'61	0'41	17'54	18'27
		Banka	0'30	.....	.....	.....	0'52	0'15	0'25	4	1'22	2'57	0'36	8'01	15'76
	Sonthal Pergunnah	Rajmahal	.....	0'15	.....	0'33	0'32	.....	0'02	4	0'82	5'17	7'02	17'07	19'00
		Gouda	0'16	.....	1'19	.....	0'32	0'24	0'05	5	2'40	4'00	5'03	11'09	14'19
		Pekour	.....	0'10	.....	0'07	0'05	.....	0'04	4	1'18	2'70	8'11	14'13	21'54
		Nya Doomba	0'18	0'04	.....	.....	0'25	0'07	0'04	5	0'50	4'01	0'72	0'05	18'26
		Doughur	0'31	.....	.....	.....	0'31	0'13	0'07	4	1'01	4'07	7'12	0'78	17'85
		Jamuna	1'30	0'17	.....	.....	.....	0'31	0'24	4	2'11	7'05	0'44	14'04	17'47
ORISSA NAG-PUR.	Hasearibagh	Pachamba	0'03	.....	.....	.....	0'50	0'50	0'10	4	1'12	5'14	0'70	9'20	17'12
		Hasearibagh	0'13	0'11	.....	0'03	1'00	0'10	0'07	5	2'03	3'09	7'25	10'42	15'47
		Semagurah	.....	.....	.....	.....	.....	.....	.....	.....	.....	0'00	.....	17'07	.....
	Lohardugga	Mahudi Hills	.....	.....	.....	.....	.....	.....	.....	.....	.....	7'10	.....	16'00	.....
		Lohardugga	0'42	0'04	0'04	0'24	1'04	0'14	.....	6	2'52	8'01	?	13'05	?
		Manchi	1'32	0'19	0'16	0'17	1'30	0'16	0'04	7	3'40	8'44	7'02	10'20	17'32
		Palasow	0'15	.....	.....	0'08	0'61	.....	.....	3	0'84	4'31	0'04	0'01	13'76
	Singbhoom	Chyabassa	0'37	0'04	0'25	.....	0'00	0'00	.....	5	1'70	8'33	7'30	13'70	10'04
		Manbhoom	0'18	.....	0'01	.....	0'25	0'12	0'54	5	1'10	5'39	7'24	14'33	15'36
		Gobindapore	0'12	0'03	.....	.....	0'03	0'04	0'32	5	1'34	3'74	7'06	0'19	16'00

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If some of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA,
The 21st July 1884.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DURING THE WEEK ENDING THE 18TH JULY 1884.

The past week has been marked by a considerable deficiency in the rainfall. This was mainly due to the rapid succession of atmospheric whirls which have formed during the past fortnight and advanced across the Orissa coast. They all appear to have been generated in the same manner. The observations on the Ceylon coast indicated the existence of strong winds in the south of the Bay two or three days before the formation of each whirl. These strong southerly moist winds advanced up the Bay, giving frequent rain squalls, more especially near their front. There also appears to have been a very large amount of eddying motion in front of each rush or advance of these winds, which accumulated or was converted into a cyclonic disturbance near the head of Bay. The whirl that formed in the latter part of the previous week passed into the Central Provinces and ceased to influence the weather in Bengal directly after the 12th. Another whirl began to form near the head of the Bay on the 14th and 15th. It advanced across the Orissa coast further to the south than the previous whirl. It brought up moderate supplies of vapour, and gave general rain over the Province on the 17th. Another whirl commenced to form on the afternoon of the 18th. This has continued to influence the weather, and is bringing up larger supplies of vapour and giving moderately heavy rain over the whole Province.

Pressure—Was considerably below the average at the end of last week. It increased rapidly on the 12th, 13th, and 14th. The rise during this period was less in East Bengal than in the remaining divisions for which it averaged $\cdot 2''$. The barometer fell by amounts varying from $\cdot 03''$ to $\cdot 15''$ over the Province on the 15th and 16th. A small depression formed at this time near the head of the Bay, and crossed the Orissa coast a little to the south of False Point on the morning of the 16th. This was followed by a moderate increase of pressure over the whole Province on the 17th and 18th. Pressure began to give way in Eastern Bengal and the adjacent districts of South-West Bengal on the morning of the 19th. This was an indication of the formation of another atmospheric whirl at the head of the Bay, which is now (the 22nd) approaching the Balasore coast. The fluctuations of the barometer during the week have hence been mainly due to the formation and motion of two small cyclonic vortices. During their generation and existence at sea, pressure diminished over the Province. With their passage across the coast, the barometer commenced to rise, and pressure increased rapidly after their disappearance. The mean pressure of the week is in excess of the normal pressure for all divisions except Orissa, which continues to be, relatively to the remainder of the Province, an area of deficient pressure. The excess averages $\cdot 03''$ for South-West Bengal and Chutia Nagpur, $\cdot 04''$ for South Behar, and $\cdot 05''$ for East Bengal and North Behar.

Temperature—In consequence of the small amount of rain which fell during the week, the temperature was generally above the average. The variations were in no case large. The excess in the mean temperature was greatest at Cuttack and Saugor Island, where it averaged $1\cdot 3^{\circ}$ and 1° for the week. Moderately high maximum temperatures were registered in all divisions during the week. The following table gives the highest maximum temperature observed in each division during the week :—

Oriassa	...	...	...	93·4° at Cuttack on the 15th.
South-West Bengal	...	...	...	95·0° at Raneeaganj on the 16th.
East Bengal	...	...	...	93·3° at Mymensingh on the 16th.
North Bengal	...	...	...	94·8° at Rungpore on the 16th.
North Behar	...	...	...	95·2° at Mozafferpore on the 16th.
South Behar	...	...	...	98·7° at Gya on the 18th.

Winds—Have been variable during the week. Moderately strong monsoon winds obtained over the whole Province on the 12th. They fell off rapidly in strength on the 13th. Very light south-west winds prevailed in South-West Bengal on the 14th. The winds in South and Central Behar and in Chutia Nagpur also shifted round to west on that day. On the 15th light northerly winds due to a small whirl at the head of the Bay prevailed in South Bengal and Orissa. After the passage of the whirl across the Orissa coast on the 16th, moderately strong monsoon humid winds were again established over the whole Province, and continued in force until the evening of the 18th, when winds again shifted to directions between north-east and north-west in South-West Bengal and Orissa, thus indicating the formation of another atmospheric whirl near the head of the Bay.

Rainfall—The rainfall of the week has been below the average in all districts, and has in some cases been exceptionally small in amount. The disturbance which crossed the Orissa coast at the end of last week gave moderate rain on the 12th in Orissa, South-West Bengal, East Bengal, Chutia Nagpur and the greater part of South Behar. The rainfall diminished in amount on the 13th, and was general only in a small part of South-West Bengal. A partial break in the rains obtained over the whole Province on the 14th. The small cyclonic disturbance which began to form at the head of the Bay on that day gave moderate rain on the 15th to Orissa, and fairly general rain over the greater part of the Province on the 16th. Light to moderate showers also fell on the 17th and 18th in all districts except those in the west and centre of Behar, where there was a marked break in the rains.

There has been an unusual absence of heavy rainfalls during the week, the rain having occurred chiefly as light or moderate showers.

Commillah and Mymensingh were the only districts which received rainfall in excess of the normal amount, and the excess was small in both cases. Darjeeling obtained 85 per cent. of its normal rainfall of the week; Bhagulpore, Dacca, Burdwan, Midnapore, and Shahabad received between 70 and 80 per cent.; Hazaribagh, Bancoora, Beerbhoom, Bogra, Pubna, Dinagepore, and Chumparun between 60 and 70 per cent.; Nuddea, Jessore, the 24-Pergunnahs, Howrah, Hooghly, Rajshahye, Burrisal, the Sonthal Pergunnahs, Singbhoom, and Manbhoom between 50 and 60 per cent., and Furreedpore, Gwa, Patna, Noakholly and Julpigoree between 37 and 27 per cent. The average rainfall of the Sarun and Moorshedabad districts was 20 per cent. of the normal fall of the week, of the Rungpore district 18 per cent., of the Durbhunga and Mozufferpore districts 16 per cent., and of the Purneah district only 15 per cent.

The small rainfall of the week was due in the case of all the divisions to the lightness of the showers, and not to a marked decrease of the number of rainy days. The following table shows that the deficiency averaged approximately one inch in South Behar and Chutia Nagpur, and 1½ inches in Bengal and North Behar.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 18th July 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.	Since 15th May.
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.		
Orissa	93.4	75.1	88.1	70.3	83.7	+ 0.7	1.45	3.08	- 1.20	4.2	4.1	- 0.3	7.74	18.71
South-West Bengal	95.0	74.0	89.7	78.8	84.3	+ 0.8	1.45	2.71	- 1.20	4.7	4.5	- 0.3	8.47	19.60
East Bengal	93.3	75.5	87.7	77.8	82.8	- 0.2	2.45	3.05	- 1.50	5.1	5.1	- 0.1	8.41	32.11
North Bengal	94.8	70.1	80.1	78.2	84.2	-	1.50	3.00	- 1.50	3.2	4.0	- 0.8	7.21	32.00
North Behar	95.2	71.3	81.4	78.8	85.1	0	0.53	2.20	- 1.65	1.8	3.2	- 1.4	8.23	17.32
South Behar	98.7	71.0	80.1	78.7	84.4	+ 0.1	1.24	2.25	- 1.00	3.0	3.8	- 0.8	8.23	11.31
Chutia Nagpur	88.0	70.7	83.3	72.0	78.0	- 0.0	1.83	2.70	- 0.80	5.0	4.6	+ 0.4	8.39	10.50

* Chyebases not included

METEOROLOGICAL OFFICE, BENGAL;

The 21st July 1884.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from :
13th to 19th July 1884.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND		Rain.	WEATHER.	
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded			
1884.		°		Inches.	°	°	°	°	°	Inches.	°	%.			Inches		
July	13th	161.4	3.3	29.558	82.8	87.3	10.1	77.2	79.6	0.988	78.2	86	SSW	...	131	0.47	Chiefly cloudy, o, d, p.
"	14th	164.8	2.3	29.562	83.5	89.6	11.0	78.5	80.2	0.986	78.8	86	SW by S and variable	...	118	0.46	Cloudy, o, d, t, p.
"	15th	144.7	9.3	29.502	85.1	93.0	13.8	79.2	80.9	1.002	79.3	83	W by S and variable	...	71	Not measureable	Chiefly cloudy, o, t, g, d, <.
"	16th	161.8	9.9	29.500	84.4	89.8	9.8	80.0	80.5	0.990	78.9	84	SE and ESE	...	170	0.36	Chiefly cloudy, o, t, d, p.
"	17th	146.9	6.5	29.545	83.0	88.5	9.3	79.2	79.5	0.981	78.0	84	ESE and SE	...	199	0.24	Chiefly cloudy o, g, p, d,
"	18th	119.3	0.8	29.580	81.2	87.8	9.6	78.2	79.2	0.965	78.2	88	SE and SE by E	...	109	0.11	Cloudy, o, p.
"	19th	153.9	5.5	29.600	83.2	88.8	10.4	78.4	79.5	0.959	78.0	84	SE by E and SE by S	...	103	Nil	Chiefly cloudy, o, fr.

The mean pressure of the seven days	...	Inches.	29.547
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.518
The total number of hours of bright sunshine	...	Hours.	37.6
The maximum possible number of hours of sunshine	...	...	98.4
The mean temperature of the seven days	...	°	83.4
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	83.5
The extreme variation of temperature	...	...	15.8
The maximum temperature	...	...	93.0
The highest velocity of the wind in one hour	...	Miles.	14
The highest pressure of the wind on one square foot	...	Lbs.	...
The mean relative humidity	...	%.	85
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	86

The total fall of rain from 13th to 19th July 1884	...	Inches.	1.53
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	2.76
The total fall from 1st January to 19th July 1884	...	...	24.10
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	28.98
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.			

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, lr lightning reflection, < lightning.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
Calcutta, the 21st July 1884.

For Meteorological Reporter to the Government of India.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 13th to 19th July 1884.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1884.		°	°	°	°	°	Inches.	°	%	Inches.
July	13th	80.8	87.8	9.8	78.0	78.0	.964	78.1	91	0.24
"	14th	82.3	89.8	9.8	79.8	79.8	.986	79.8	89	0.16
"	15th	84.7	92.8	18.6	79.8	81.2	1.010	79.8	85	.....
"	16th	83.6	91.0	10.6	80.4	80.6	1.005	79.4	87	0.03
"	17th	83.4	88.8	9.8	79.6	79.9	.975	78.5	86	0.36
"	18th	79.9	89.0	10.3	78.8	79.0	.980	78.6	96	0.11
"	19th	82.3	89.0	10.0	79.0	79.6	.978	78.6	89	.....

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The total fall of rain from 13th to 19th July 1884

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

Calcutta, the 21st July 1884.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

MEMORANDA.

The returns of the first class Municipalities in Bengal for the week ending 5th July 1884, present the following results:—

1. That births and deaths were registered at the rates of 18.2 and 25.2 per 1,000 of population, respectively, against 16.0 and 26.9 per 1,000, respectively, during the preceding week ending 26th June, indicating an improvement in the registration of births, and a falling off in that of deaths.

2. That these events were returned at the highest rates from the undermentioned Municipalities:—

Births.				Deaths.			
			Ratio per mille.				Ratio per mille.
Gya	...	...	32.8	Poori	...	...	98.5
				Chittagong	...	...	85.2
				Beaulah	...	...	34.1
				Suburbs of Calcutta	...	...	33.1
				Gya	...	...	32.1
				Mozufferpore	...	...	30.4

3. That the mortality from the principal diseases specified in the table appended to this memoranda stood as follows:—

				Ratio per mille during weeks ending—	
				5th July 1884.	26th June 1884.
Cholera	...	...	...	2.8	3.9
Small-pox	...	...	...	.9	1.5
Fever	...	...	...	11.1	10.6
Bowel-complaints	...	...	...	8.3	8.1
Injury	...	...	...	.4	.7
Other causes	...	...	...	6.7	7.1

showing that, in comparison with the preceding week, the death-rates from cholera, small-pox, and the diseases classed under the head of "Other causes" had, on the whole, declined, notably from the first-named disease, but that the mortality from fever had increased somewhat.

4. That while the casualties from fever and violence were not noticeably severe anywhere, the rest of the diseases carried off the largest proportions of the populations of the following Municipalities:—

Cholera.		Small-pox.		Bowel-complaints.		Other causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.		Ratio per mille.
Poori	70.6	Dacca	3.9	Mozufferpore	10.9	Poori	23.6
Chittagong	14.1	Chupra	2.8			Suburbs of Calcutta	12.8
Suburbs of Calcutta	3.9	Bhagulpore	2.7			Gya	10.2
Gya	2.7						

It is observable that cholera continued to prevail with marked severity in the Poori town.

5. That the death-rates in relation to Sex, Class and Age stand as indicated below:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	27.4	Christians	...	8.7	Under 1 year	...	229.9
Females	...	22.7	Hindus	...	26.0	1 and under 5 years	...	45.5
Ratio of male deaths to every 100 female deaths	...	137	Mahomedans	...	23.6	5 " 10 "	...	18.3
			Budhist	...	48.4	10 " 15 "	...	10.4
			Other classes	...	36.4	15 " 20 "	...	15.2
						20 " 30 "	...	13.6
						30 " 40 "	...	15.3
						40 " 50 "	...	21.4
						50 " 60 "	...	16.9
						60 years and upwards	...	49.8

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 21st July 1884.

Statement showing the Results of the Registration of Births and Deaths in the First Class Municipalities in Bengal during the week ending 5th July 1884.

DISTRICTS.	NAMES OF MUNICIPAL- FACILITIES.	POPULATION.			BIRTHS.			MORTALITY ACCORDING TO—												Sex.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Males.	Females.	Total.	NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.			Ratio of male births to every 100 female births.			DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.			Ratio of deaths per 1,000 of population per annum in the previous week.	DEATHS.		Ratio per 1,000 of population per annum.	Ratio of male deaths to every 100 female deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Cholera.	Small-pox.		Fever.	Bowel-complaints.	Injury.		Other diseases.	All causes.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Burdwan	...	18,003	16,017	34,020	3	8	11	4'6	15'2	16'8	57</

* A special census of the Europeans in the Darjiling Municipality was recently taken, after the census of this section of the community taken in February 1931 was not reliable, owing to the European being at a minimum in that month. The number of the natives remained as before, as it was not necessary to recensus them. The ratios have consequently been calculated on the basis of population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans above alluded to cannot be employed as a basis of calculation owing to the results of the census under this head not having been received under a re-authorized form of age classification.

[illegible]

**B. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.**

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 21st July 1884.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Chitpur Toll Station for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
108	Coal ...	71,850	26,943	1,41,775	5,063	595 4 6
1	Tiles ...	1,000	15	400	17	3 8 0
16	Earthenware ...	1,020	510	3,025	104	11 5 6
7	Sand ...	1,625	520	4,750	169	34 1 0
1	Iron ...	250	1,500	525	19	4 9 6
1	Cotton ...	7	112	175	6	0 10 6
2	Rice ...	400	1,200	1,025	36	3 13 6
1	Gram ...	200	500	500	17	1 14 0
5	Mustard-seed ...	570	2,280	1,700	60	14 14 0
1	Fruits ...	15	75	150	5	0 9 0
2	Tobacco ...	200	2,000	425	15	3 11 6
345	Salt ...	1,52,817	3,82,042	3,17,400	11,335	2,658 4 0
27	Bones ...	6,300	6,300	14,025	500	54 9 6
517	Total ...	2,36,254	4,23,997	4,85,875	17,346	3,387 2 6
560	Total of same month last year.	2,30,800	2,96,687	4,72,500	16,939	3,358 6 6
	MISCELLANEOUS.					
608	Empty, passenger, planks, soorkee, fish, &c., &c., &c.	17,300	69,200	5,50,275	19,652	2,279 11 0
104	Boats under 25 maunds	.....	.....	.....	.....	26 0 0
.....	Demurrage ...	.....	.....	.....	.....	101 3 3
712	Total ...	17,300	69,200	5,50,275	19,652	2,406 14 3
590	Total of same month last year.	1,37,500	2,79,000	2,75,225	9,829	1,766 15 6
1,229	Grand Total ...	2,53,554	4,93,197	10,36,150	36,998	5,794 0 9
1,150	Grand total of same month last year.	3,68,300	5,75,687	7,47,725	26,768	5,125 6 0

MEMORANDUM.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	140 1 6
Amount of tollage for the month	...	...	...	5,704 0 9
			Total	5,845 2 3
Amount credited in the accounts for the month	...	...	...	5,671 1 6
Balance at the end of the month	...	...	...	274 0 9

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Dhappa Toll Station for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
6	Earthenware ...	150	75	600	21	5 4 0
76	Lime ...	92,000	66,240	1,82,625	6,522	1,597 3 3
374	Firewood ...	2,18,450	54,632	4,20,475	15,016	3,153 6 0
11	Iron ...	813	4,878	3,775	134	16 8 9
3	Brass ...	189	6,048	775	27	4 10 0
54	Jute ...	23,585	1,06,132	62,100	2,217	543 6 0
21	Mats ...	2,400	4,800	9,600	342	84 0 0
302	Rice ...	1,27,897	3,83,691	2,96,600	10,592	2,770 4 0
2	Wheat ...	1,050	3,675	2,450	87	21 7 0
128	Gram ...	59,794	1,49,485	1,26,950	4,533	1,108 15 3
104	Linseed ...	51,650	1,80,775	1,10,700	3,953	968 10 0
6	Mustard-seed ...	4,685	18,740	10,500	375	70 10 6
3	Til ...	500	1,500	1,275	45	11 2 6
58	Other oils ...	16,580	72,537	35,675	1,274	156 1 3
21	Oil-cake ...	7,200	10,800	15,375	549	134 8 6
64	Fruits ...	3,543	17,715	15,450	551	135 3 0
6	Vegetables ...	440	4,880	1,100	39	9 10 0
2	Tobacco ...	500	3,000	900	32	6 2 0
25	Spices ...	8,440	1,68,800	18,925	675	164 2 6
56	Grass for cattle ...	1,213	4,852	22,375	799	195 12 6
5	Straw ...	434	2,170	1,625	58	14 3 6
74	Betelnuts ...	6,740	53,920	45,175	1,613	395 4 6
14	Sugar, refined ...	2,150	36,550	4,850	173	42 7 0
56	Jaggery ...	15,530	77,650	35,525	1,268	286 10 9
32	Salt ...	4,131	10,327	9,675	345	42 5 3
7	Hides ...	1,650	1,650	650	23	5 11 0
18	Bones ...	2,375	2,375	5,375	199	47 0 6
66	Dry fish ...	2,200	22,000	10,825	387	94 11 6
1,594	Total ...	6,56,289	14,69,897	14,51,925	51,849	12,085 5 3
1,925	Total of same month last year.	7,98,805	13,11,920	16,48,300	58,871	14,032 15 0
	MISCELLANEOUS.					
1,436	Empty, passenger, tamarind, fish, bamboo, raft, planks, fowls, golpatta, canes, shells, &c.	90,700	3,62,800	2,85,750	10,205	2,500 6 0
492	Boats under 25 maunds	.....	.....	.....	.....	122 6 0
.....	Demurrage	.....	.....	.....	.....	404 7 3
1,928	Total ...	90,700	3,62,800	2,85,750	10,205	3,027 3 3
2,572	Total of same month last year.	1,00,000	4,00,000	2,41,775	8,635	2,522 9 6
3,522	Grand Total ...	7,46,989	18,32,697	17,37,675	62,054	15,112 8 6
4,497	Grand total of same month last year.	8,98,805	17,11,920	18,90,075	67,506	16,555 8 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	476 5 6
Amount of tollage for the month	15,112 8 6
Total	15,688 14 0
Amount credited in the accounts for the month	15,019 9 9
Balance at the end of the month	669 4 3

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah, for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
41	Coal ...	19,305	7,239	42,925	1,533	160 3 6
219	Bricks ...	4,85,000	5,820	1,12,050	4,001	420 3 0
5	Tiles ...	7,500	187	2,625	93	8 5 6
161	Earthenware ...	13,266	6,633	31,450	1,122	118 3 0
18	Sand ...	4,450	22,250	20,075	716	75 4 6
170	Firewood ...	50,150	12,537	1,01,300	3,617	758 10 0
1	Iron ...	50	300	175	6	0 12 3
1	Brass ...	20	640	25	.....	0 4 0
4	Cotton ...	1,050	16 800	2,450	87	21 7 0
13	Mats ..	1,500	3,000	5,475	195	47 14 6
183	Paddy ...	22,041	33,061	47,350	1,691	414 3 0
627	Rice ...	79,493	2,38,479	1,73,000	6,534	1,135 6 6
33	Gram ...	10,117	25,292	26,225	936	226 6 6
1	Linseed ...	475	1,425	675	24	5 14 6
4	Mustard seed ...	990	3,960	2,600	91	19 4 6
20	Til ...	1,450	4,350	5,375	191	47 14 6
14	Other oils ...	301	1,316	2,200	78	9 10 0
1	Oil-cake ...	12	18	150	5	0 10 6
228	Fruits ...	6,035	30,175	39,050	1,394	147 9 0
39	Vegetables ...	4,179	8,358	15,350	547	57 11 9
7	Tobacco ...	1,075	10,750	4,150	148	18 3 0
1	Spices ...	100	2,000	250	8	2 3 0
27	Grass for cattle ...	310	1,240	11,875	423	57 0 6
88	Straw ...	3,462	17,310	21,300	758	143 4 6
9	Betelnuts ...	3,525	28,200	7,575	270	66 4 6
1	Sugar, refined ...	125	1,250	150	5	1 5 0
98	Jaggery ...	12,982	64,910	34,500	1,230	250 4 3
128	Salt ...	31,766	79,475	93,875	3,352	686 6 6
4	Cattle ...	40	80	125	4	1 3 0
5	Dry fish ...	100	1,000	525	18	4 9 6
2,151	Total ...	7,60,869	6,28,055	8,04,850	29,077	4,906 9 9
2,747	Total of same month last year.	4,26,792	5,07,976	8,50,675	30,370	5,608 12 0
	MISCELLANEOUS.					
1,839	Empty, passenger, cheera, shells, planks, fish, golpatta, charcoal, &c.	50,550	2,02,200	3,41,500	12,196	2,056 12 6
135	Boats under 25 maunds	.....	.....	.....	.....	33 12 0
.....	Demurrage ...	.....	.....	.....	.....	144 4 9
1,974	Total ...	50,550	2,02,200	3,41,500	12,196	2,234 13 3
1,792	Total of same month last year.	2,12,040	14,11,920	4,35,000	15,535	2,267 10 6
4,125	Grand Total ...	8,11,419	8,30,255	11,46,350	41,273	7,141 7 0
4,539	Grand total of same month last year.	6,38,832	19,19,896	12,85,675	45,905	7,876 6 6

MEMORANDUM.

Unrecovered balance on the 1st of the month	...	Rs. A. P.
Amount of tollage for the month	...	170 14 6
		7,141 7 0
	Total	7,312 6 6
Amount credited in the account for the month	...	7,058 9 9
Balance at the end of the month	...	253 11 9

ABSTRACT FOR THE MONTH OF JUNE 1884.

	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
CIRCULAR CANAL.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Circular Canal at Chitpur toll-station.	5,794 0 9	16,057 10 0	5,125 6 0	13,637 9 0
Ditto at Dhappa toll-station ...	15,112 8 6	46,839 7 9	16,555 8 6	48,833 14 3
Total ...	20,906 9 3	62,897 1 9	21,680 14 6	62,471 7 24
TOLLY'S NULLAH ...	7,141 7 0	20,003 13 9	7,876 6 6	24,793 15 9
GRAND TOTAL ...	28,048 0 3	82,900 15 6	29,557 5 0	87,265 7 0

CALCUTTA, }
 The 22nd July 1884. }

G. F. E. S. NEILL, Major, M.S.C.,
 Under-Secy. to the Govt. of Bengal.

TIRHUT STATE RAILWAY.

Statement showing Increases and Decreases in Maundage of Principal Staples carried over the Line during the month of June 1884, as compared with the corresponding period of 1883.

STAPLES.	1884.		1883.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1884.	1883.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bamboos and bricks	471	100	.....	.....	571	.....	571	.....
Coal	17,744	.....	16,845	120	17,704	14,965	2,739	.....
Cotton	1,263	3	.....	.....	1,266	.....	1,266	.....
Piece-goods	4,930	6	6,990	17	4,936	6,907	.....	2,063
Indigo	.....	7	.....	14	7	16	.....	7
Gunny-bags	2,092	1,753	1,964	273	3,847	2,337	1,510	.....
Fruits	.....	4	.....	.....	4	.....	4	.....
Food-grains	1,63,343	7,052	3,837	47,146	1,60,305	50,093	1,09,412	.....
Hides and horns	5	7,094	.....	3,210	7,099	3,210	4,789	.....
Lac	478	3	.....	.....	481	.....	481	.....
Lime and kunker	4,275	78	15,148	131	4,353	15,279	.....	10,926
Liquor	320	.....	.....	.....	326	.....	326	.....
Metal—								
I.—Iron	3,276	483	1,007	233	3,761	2,140	1,621	.....
II.—Brass, bell-metal, and copperware	829	44	.....	.....	873	.....	873	.....
Mowah	2,164	.....	.....	.....	2,164	.....	2,164	.....
Oil	908	.....	.....	.....	908	.....	908	.....
Oil-cake	.....	1,991	.....	.....	1,991	.....	1,991	.....
Paints and colours	1	.....	.....	.....	1	.....	1	.....
Ghee	.....	2,166	.....	907	2,166	907	1,259	.....
Railway materials	33,759	8,804	2,290	7,094	30,565	9,877	20,188	.....
Salt	61,901	14,455	55,038	4,372	76,389	60,940	15,446	.....
Saltpetre	12,117	7,265	7,265	.....	12,117	7,265	4,852	.....
Seeds	22,893	24,332	1,394	40,271	57,225	41,065	16,160	.....
Spices	268	44	.....	.....	310	.....	310	.....
Sugar and jaggree	212	6,894	.....	.....	7,106	.....	7,106	.....
Tobacco	1,011	10,630	17,888	45,365	17,650	68,253	.....	45,603
Timber	2,434	1,971	.....	.....	4,405	.....	4,405	.....
Firewood	11	841	.....	.....	852	.....	852	.....
All other goods	14,384	11,603	12,717	16,075	25,487	28,702	.....	2,905
Total	3,39,057	1,16,316	1,35,037	1,72,987	4,55,373	3,08,024	1,47,349	61,603
Net increase	.....	.....	.....	.....	1,47,349	.....	1,47,349	.....

HORACE BELL,
Manager.

A. POPE,
Traffic Superintendent.

GENERAL REMARKS AND EXPLANATIONS.

THE total quantity of goods carried during the month of June 1884 aggregated maunds 4,55,373, as compared with maunds 3,08,024 carried during the corresponding period of 1883, and maunds 5,37,004 carried during the previous month, showing an increase of maunds 1,47,349 in one case, and decrease of maunds 61,631 in the other.

Of the several increases, and decreases, the following are the most prominent ones, and worthy of separate explanation:—

INCREASE.

	Mds.
Coal	2,739
Due to the indigo manufacturing having commenced and consequent demand for fuel.	.....
Food-grains	1,09,412
This is chiefly import traffic due to the failure of crops.	.....
Hides and horns	4,789
There is a good demand in Calcutta during the earlier part of the month, hence this increase.	.....
Mowah	2,164
Due to increased distilleries now opened.	.....
Railway materials	30,188
This fluctuates according to the miles of railway under construction. Rails going up to Kosi extension.	.....
Salt	15,446
This has been repeatedly explained in previous reports. A sudden fall in this staple is anticipated, as the rivers have now risen sufficiently to render navigation easy.	.....
Saltpetre	4,852
Due to the brisk demands in Calcutta market.	.....
Seeds	15,560
Owing to a brisk demand for this staple at the port for shipment to England and America.	.....
Sugar and jaggree	7,106
These two staples were included under the heads of all "Other goods" in last year's statement, hence cannot be fully explained, but a certain amount is due to the opening of the western and eastern extensions.	.....
Timber	4,405
The same as above.	.....

DECREASES.

Piece-goods	2,063
There has been a continued decrease in this staple and is not expected to revive for some time more, probably due to failure of crops.	.....
Lime and kunker	10,926
The completion of the several large public buildings in the district is the cause of decrease.	.....
Tobacco	45,603
The staple is now finding its way by the rivers instead of by rail, owing to their having become navigable.	.....

HORACE BELL,
Manager.

A. POPE
Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for first 12 days of July 1884 on 1,509½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	374,083	3,59,156 12 0	35,68,405 20	8,05,280 0 0	31,052 3 0	11,09,497 15 0	104,673	155,104½	259,777½
Or per mile of railway ...	.....	37 14 11	.....	536 2 1	20 9 1	794 10 1	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 12 days ...	374,083	3,59,156 12 0	35,68,405 20	8,05,280 0 0	31,052 3 0	11,09,497 15 0	104,673	155,104½	259,777½
COMPARISON.									
Total for corresponding 14 days of previous year ...	435,704	4,25,144 15 2	50,82,402 0	15,53,747 0 8	34,813 7 9	20,13,705 13 7	127,322	331,031	458,353
Per mile of railway corresponding period of previous year ...	.....	281 11 10	.....	1,029 10 8	23 1 2	1,354 7 5	.....	.....	.....
Total to corresponding date of previous year ...	435,704	4,25,144 15 2	50,82,402 0	15,53,747 0 8	34,813 7 9	20,13,705 13 7	127,322	331,031	458,353

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14TH JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 12TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,509	20,13,705	1,334	1,509½	11,09,496	795	1,509	1,61,28,303	10,688	1,509½	1,38,37,006	8,498	.....	31,01,237

EASTERN BENGAL STATE RAILWAY.

Approximate return of traffic for first 12 days of July 1884 on 359 miles open including Calcutta and South-Eastern and Bengal Central Railway mileage.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
A.—Total traffic for the first 12 days of July 1884 ...	160,235	50,720 0 0	3,43,276 0	52,080 0 0	7,330 0 0	1,17,730 0 0	21,076	13,261	34,337
Or per mile of railway ...	446	143 0 0	1856	150 0 0	.....	308 0 0	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 2 weeks (i.e. 12 days) ...	160,235	50,720 0 0	3,43,276 0	52,080 0 0	7,330 0 0	1,17,730 0 0	21,076	13,261	34,337
COMPARISON.									
B.—Total for corresponding 14 days of previous year ...	164,159	60,069 0 0	4,32,833 0	82,367 0 0	11,646 0 0	1,63,102 0 0	20,170	13,956	34,126
Per mile of railway corresponding 14 days of previous year ...	624	203 11 2	1,646 0	313 2 11	.....	576 14 1	.....	.....	.....
Total to corresponding date of previous year ...	164,159	60,069 0 0	4,32,833 0	82,367 0 0	11,646 0 0	1,63,102 0 0	20,170	13,956	34,126

A.—Includes receipts of Calcutta and South-Eastern Railway, and 50 per cent. of receipts of Bengal Central Railway, viz. Rs. 6,946 apportioned over the several heads of traffic.

B.—Includes share of Bengal Central Railway receipts due to Eastern Bengal Railway for working, viz. Rs. 2,023, and Calcutta and South-Eastern receipts, &c.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14 DAYS OF JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO FIRST 12 DAYS OF JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
263	1,63,102	620	359	1,17,730	328	263	14,71,877	5,596	359	12,05,020	3,337	.....	2,66,857

Increase in mileage.

	Miles.
Porada section ...	5
Bengal Central Railway, Dooargah to Khulna ...	91
	96

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for first 12 days of July 1884 on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	14,377	7,589 15 0	78,290 0	6,073 10 0	64 0 0	13,727 9 0	2,940	2,412	5,352
Or per mile of railway ...	251	132 11 1	1,368 80	106 2 11	1 1 11	239 15 11	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 12 days ...	14,377	7,589 15 0	78,290 0	6,073 10 0	64 0 0	13,727 9 0	2,940	2,412	5,352
COMPARISON.									
Total for corresponding 12 days of previous year ...	17,132	7,651 11 6	62,588 0	6,402 4 0	147 2 0	12,201 1 6	3,410	1,378	4,788
Per mile of railway corresponding period of previous year ...	300	133 15 4	1,094 10	70 15 5	2 9 2	213 4 11	.....	.....	.....
Total to corresponding date of previous year ...	17,132	7,651 11 6	62,588 0	6,402 4 0	147 2 0	12,201 1 6	3,410	1,378	4,788

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14TH JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 12TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57½	12,201	213	57½	13,728	240	57½	1,31,025	2,306	57½	1,27,225	2,224	.....	4,700

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for first 12 days of July 1884, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	4,186	717 0 0	13,775 10	321 7 0	127 13 0	1,166 10 0	231	333	564
Or per mile of railway ...	.....	59 12 0	.....	26 12 7	10 10 5	97 3 6	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 12 days ...	4,186	717 0 0	13,775 10	321 7 0	127 13 0	1,166 10 0	231	333	564
COMPARISON.									
Total for corresponding 12 days of previous year ...	4,510½	794 0 2	22,118 20	627 6 0	70 11 0	1,601 1 2	353	273	626
Per mile of railway corresponding period of previous year ...	.....	66 2 8	.....	52 4 6	6 10 3	125 1 5	.....	.....	.....
Total to corresponding date of previous year ...	4,510½	794 0 2	22,118 20	627 6 0	70 11 0	1,601 1 2	353	273	626

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14TH JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 12TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
12	1,501	123	12	1,167	97	12	17,039	1,410	12	19,090	1,593	2,067	.....

SINDIA STATE RAILWAY.

Approximate Return of Traffic for first 12 days of July 1884, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the period...	8,180	Rs. A. P. 7,028 1 0	Mds. S. 82,307 10	Rs. A. P. 4,100 12 0	Rs. A. P. 163 4 0	Rs. A. P. 11,289 1 0	1,168	1,504	2,672
Or per mile of railway	.....	94 5 0	.....	55 0 8	2 3 10	161 8 6	.....	.....	.....
For previous weeks of half-year	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 12 days	8,180	7,028 1 0	82,307 10	4,100 12 0	163 4 0	11,289 1 0	1,168	1,504	2,672
COMPARISON.									
Total for corresponding 12 days of previous year	8,313	6,738 12 7	42,185 20	5,101 7 0	129 6 0	11,909 9 7	1,141	1,778	2,919
Per mile of railway corresponding period of previous year	.....	90 7 3	.....	68 7 7	1 11 10	160 10 8	.....	.....	.....
Total to corresponding date of previous year	8,313	6,738 12 7	42,185 20	5,101 7 0	129 6 0	11,909 9 7	1,141	1,778	2,919

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR FIRST 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14TH JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 12TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
74½	Rs. 11,970	Rs. 161	74½	Rs. 11,230	Rs. 152	74½	Rs. 98,691	Rs. 1,327	74½	Rs. 1,09,625	Rs. 1,471	Rs. 13,634	Rs.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JULY 30, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 26th July 1884.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date
BENGAL.			
<i>Western Districts.</i>			
1	Burdwan, July 26 '84	2.15	Weather—cloudy, with drizzling rain at intervals. Rainfall too scanty for transplanting <i>aman</i> . Prospects of <i>aman</i> crops becoming gloomy. <i>Aus</i> doing well in the Culna sub-division. Sugarcane doing well everywhere. Common rice selling at from 14 to 15 seers per rupee. Public health fair.
	Culina	2.73	
	Cutwa	2.05	
	Ransegange	1.91	
2	Bankoora, " 26 "	2.69	Weather—hot and cloudy with occasional showers of rain. A decided rise in the price of rice all over the district, owing to want of rain; the limits being between 18 and 23 seers instead of 16 to 27 seers as recently. Rain fell generally except in one outpost (Balshi) where none fell at all. Public health good.
	Bishenpore	2.84	
	Mahara	3.60	
	Khattra	3.44	
3	Beerbhoom, " 26 "	4.03	Weather—cloudy with frequent showers of rain. Transplanting of paddy going on on low lands of the Sudder sub-division, but not in the Rampore Haut sub-division, where the rainfall has been very scanty and agricultural operations are consequently at a stand-still. Prospects of crops in Rampore Haut poor. Price of rice not materially changed, but supplies not so freely offered. Some increase of cholera. General health otherwise good.
	Rampore Haut	1.64	
4	Midnapore, " 26 "	6.32	Weather—cloudy and rainy. The recent rainfall has done much good to the cultivation of paddy, which is progressing favourably. Public health good.
5	Hooghly, " 26 "	2.77	Weather—cloudy. There has been good rain during the week, but not enough. More urgently required for transplanting. Fever beginning to show itself, but public health fair for the time of the year. Prices still steady.
	Jehanabad	3.76	
	Berampore	2.26	Weather—heavy rain with brief intervals of sunshine. Transplanting of late paddy proceeding briskly. Early rice, hemp, jute, and sugarcane looking remarkably well. Prices rising slightly. Public health good.
	Howrah, " 26 "	3.63	
	Oolooberiah	3.78	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—concl'd.			
<i>Central Districts.</i>			
PRESIDENCY DIV.	6 24-Pergunnahs July 28 "	4.74	Weather—seasonable. Prospects of <i>aus</i> paddy, jute, and sugarcane favourable. Transplanting of <i>amun</i> going on. More rain wanted in parts of the Baraset sub-division. Public health generally good.
	7 Nuddea, " 26 "	1.83	Weather—cloudy and rainy. In the northern parts of the district rain wanted for paddy. Other crops doing well. <i>Amun</i> being transplanted. Fever continues.
	Koochta " " "	1.42	
	Choondanga " " "	1.07	
	Meherpore " " "	1.0	
	8 Ranaghat " 26 "	4.12	Weather—light rain off and on. Seedlings progressing favourably. Some fever in the Bagirhat sub-division.
	9 Khoolna, " 26 "	1.78	
	9 Jessore, " 26 "	2.70	Weather—hot, with slight showers. Transplanting of <i>amun</i> crops still continues. Prospects fair. <i>Aus</i> crop will yield a fair outturn this year. General health good.
	Jhenida " " "	0.94	
	Magoorah " " "	8.26	
	Narail " " "	1.12	
RAJSHAHY DIV.	Bongong " " "	1.85	Weather—easterly winds with occasional local showers, cool for the time of year. Rainfall continues deficient and prices in consequence rising. Transplanting stopped and seedlings withering in some places. <i>Aus</i> in ear, but looks poor and thin. Rain much wanted.
	10 Moorsheadabad, " 26 "	0.74	
	Lalbagh " " "	1.73	
	Jungipore " " "	1.48	
	Kandi " " "	1.23	Weather—seasonable, hot with showers of rain. Jute and <i>khadoi</i> crops doing well. More rain would be beneficial to <i>amun</i> seedlings.
	11 Dinagopore, July 25 '84	.63	
	12 Rajshahye, " 26 "	0.84	Weather—cloudy, with occasional rain. Prospect of standing crops good. Transplanting of <i>amun</i> being impeded for want of sufficient rain. Harvesting of <i>aus</i> commenced in certain places. Public health generally good.
	Natore " " "	0.70	
	Nowgong " " "	0.83	Weather—very hot. The break in the rains is favourable to the harvesting of <i>aus</i> and <i>jute</i> , but unfavourable to transplanting of <i>amun</i> . Malarious fever prevails.
	13 Rungpore, " 26 "	0.03	
	Nilphamari " " "	.03	
	Kurigram " " "	.47	
Dacca DIV.	Gribanda " " "	.91	Weather—sultry. <i>Aus</i> crop being reaped. Rain required for transplanting paddy. Public health fair.
	14 Bogra, " 26 "	.29	
	15 Pubna, " 26 "	1.27	Weather—a good deal of rain fell during the last two days of the week. The temperature has consequently moderated. Standing crops beginning to suffer from want of rain, but their condition will improve with the present rainfall. The rivers, however, continue to fall.
	16 Darjeeling, " 26 "	1.1	
	17 Julpigoree, " 26 "	.21	Weather—unseasonably fine and dry. Prospects of crops very good.
			Weather—unusually dry and hot for the time of the year. The break in the rains has been somewhat too protracted and complaints are heard in quarters. There are signs, however, that a change is at hand, and no serious harm has been done as yet. In the Alipur sub-division <i>khadoi</i> paddy reported to have suffered. Cholera broken out at Keranti.
			Weather—hot and cloudy. Jute and early paddy being cut. <i>Amun</i> crops thriving. Prospects of crops good. Public health good.
CHITTAGONG DIV.	18 Dacca, July 26 '84	1.57	Weather—seasonable, but stormy. State and prospects of crops good. <i>Aus</i> paddy and jute being cut. More rain wanted in the north of the district. Public health very fair.
	Manickgunge " " "	3.37	
	Moonsheegunge " " "	1.89	
	Narsingunge " " "	2.53	
	19 Furreedpore, " 26 "	3.37	Weather—seasonable with showers of rain. Prospect of <i>aus</i> crop good. Transplanting of <i>amun</i> commenced. General health good.
	Goulundo " " "	Not received.	
	Madaripore " " "	1.95	Weather—hot, with occasional rain. State and prospects of standing crops fairly good. Outturn of <i>aus</i> crop seems to be poorer than last year.
	20 Buckergunge, " 24 "	2.9	
	21 Mymensingh, " 25 "	Not received.	Weather—warm with occasional showers of rain. Prospects of crops fair, but more rain wanted. Early paddy being harvested. Prices stationary. Cholera and cattle-disease continue.
	Jainalpor " " "	2.56	
	Kishoregunge " " "	1.73	
	Netrokona " " "	3.39	
CHITTAGONG DIV.	22 Chittagong, July 29 '84	3.72	Weather—seasonable. <i>Aus</i> paddy being reaped and <i>amun</i> being transplanted. Cattle-disease has made its appearance in thana Parsuram in the Fenny sub-division.
	23 Noakholly, " 24 "	5.94	
	24 Tipperah, " 24 "	2.51	Weather—hot and rainy. Prospects of crops satisfactory, except in the north of the district where more rain wanted. Public health good. Cattle-disease increasing in the Chandpur sub-division.
	Brammunberiah " " "	3.07	
	Chandpore " " "	5.25	Weather—cool and cloudy. Prospects of crops very good. All crops doing well. Weather very favourable for the standing crops.
	25 Chittagong Hill Tracts, " 23 "	1.06	
BEHAR.	Hill Tipperah " 23 "	2.22	Weather—seasonably rainy. <i>Satya</i> paddy thriving. Transplanting of <i>amun</i> continues. Jute and sugarcane doing well. Public health good.
	26 Patna, July 26 '84	0.08	Weather—hot. <i>Khadoi</i> crops and paddy seedlings doing well. Rain wanted for transplanting paddy. Cholera prevails.
	27 Gya, " 26 "	0.73	
	28 Shahabad, " 26 "	Nil	Weather—hot, sky overclouded and rain expected. Sugarcane and <i>khadoi</i> crops doing well, but rain wanted. The break in the rain has proved unfavourable to agricultural prospects, and especially to the paddy crop.
	Sasaram " " "	.10	
	Buxar " " "	.10	
PATNA DIV.	Bhabua " " "	1.60	Weather—hot and cloudy. Rain badly wanted, more or less, all over the district. In some places paddy and <i>khadoi</i> crops turning pale for want of moisture. Prices stationary. A few sporadic cases of cholera reported from the Bonepatti and Mudhubani thanas.
	29 Durbhanga, " 26 "	.10	
	Madhubani " " "	Nil	
	Tajpur " " "	.31	

No.	District, and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR—concl'd.			
PATNA DIV.—concl'd.	30 Mozufferpore, .. 29 ..	Nil	Weather—cloudy and sunny alternately with strong east winds. Prospects of <i>bhadoi</i> and <i>aghtni</i> crops good, but more rain needed for paddy, which is being transplanted everywhere. Prices stationary. Public health good.
	31 Saran, .. 26 ..	Nil	
	32 Chumpanan, .. 26 ..	Nil	
	33 Monghyr, July 26 '84	79	
BHAGULPORE DIV.	Begusarai ..	28	Weather—fair and bright. There has been a break in the rains, and weeding operations have been satisfactorily completed. There was a fall of rain on the 25th, which, if general, must have been very beneficial to the crops. Manufacture of indigo going on everywhere. More rain wanted for transplanting paddy. Prices falling slightly. Public health good.
	34 Bhagulpore, .. 26 ..	108	
	Banka ..	19	
	Muddehpore ..	116	
	Boopole ..	Nil	
	35 Purneah, .. 26 ..	79	
	36 Maldah, .. 26 ..	28	
	37 Sonthal Perghe, .. 26 ..	137	
	Deoghur ..	76	
	Goida ..	140	
ORISSA DIV.	Rajmehal ..	25	Prospects of autumn crops good. The rainfall was not sufficient for transplanting winter paddy. Public health good.
	Jamtara ..	65	
	Pakour ..	0.28	
	Weather—dry till yesterday. Prospects of <i>bhadoi</i> and <i>aghtni</i> crops poor for want of rain. Public health fair.		
ORISSA DIV.	38 Cuttack, .. 25 ..	1.41	Weather—hot and cloudy, with occasional strong easterly winds and showers of rain. Prospects of crops still favourable, but want of sufficient rain in the "Barind" tracts much retarded transplanting of <i>haimanti</i> paddy. Harvesting of <i>bhadoi</i> paddy continues. Prices of food-grains have fallen slightly. Public health generally good. Rivers fallen again.
	39 Pooree, July 24 ..	2.40	
	Khoorda ..	2.22	
	40 Balasore, .. 25 ..	1.19	
CHOTA NAGPORE.	41 Hazaribagh, July 25 '84	74	Weather—heavy showers almost daily. In most parts of the district prospects of crops excellent and paddy transplanting in full swing. In a few localities transplanting almost at a stand-still, especially on high lands, for want of rain.
	42 Lohardugga, .. 26 ..	3.57	
	Palamow ..	65	
	16th to 22nd instant.)		
CHOTA NAGPORE.	43 Singbhoom, .. 25 ..	2.40	Weather—rain and sunshine alternately. Prospects of crops continue very promising. <i>Bhadoi</i> promises to be a full crop. More rain needed for <i>aghtni</i> . Prices steady. Public health good.
	44 Manbhoom, .. 26 ..	76	
	Govindpore ..	1.40	
	Burrabazar ..	25	
CHOTA NAGPORE.	45 Singbhoom, .. 25 ..	6.68	Prospects of autumn crops good. The rainfall was not sufficient for transplanting winter paddy. Public health good.
	46 Manbhoom, .. 26 ..	4.20	
	Govindpore ..	2.30	
	Burrabazar ..	25	

• Exclusive of rain which fell on the 26th instant.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

The 20th July 1884.

COLMAN MACAULAY,

Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.														
			AIR PRESSURE.			WIND.		TEMPERATURE.								Average humidity at 10 A. M.	Average cloud amount at 10 A. M. for week.
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Lowest during week.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A. M. temperature.			
CENTRAL.	Pooree	Gopalpore	29.534	29.584	—	S	360	85.8	75.8	86.5	80.5	83.0	—	84.3	79	8.4	
		False Point	29.540	29.571	—0.045	WSW	206	89.5	76.1	87.4	77.9	83.7	—1.0	84.3	84	8.4	
	Outback	Outback	29.496	29.579	—0.083	Calm	88	92.4	77.9	89.3	78.6	84.1	+0.1	86.2	77	4.8	
	Balasore	Balasore	29.511	29.560	—	ESE	69	88.4	78.7	87.4	78.1	82.8	—	83.8	84	7.7	
SOUTH-WEST BENGAL.	South-West Midnapore	Saugor Island	29.550	29.576	—0.026	S	183	90.7	77.5	87.2	79.2	83.4	—0.6	83.5	86	8.7	
	South 24-Pargunnahs	Midnapore	29.463	29.563	—	NE	76.1	90.3	74.6	87.7	77.3	82.5	—	83.1	85	8.0	
	24-Pargunnahs	Calcutta	29.507	29.590	—0.0807	ESE	120	89.0	75.7	86.8	77.2	82.0	—1.1	81.0	87	9.3	
	Howrah																
	Hoochly																
	Burdwan	Burdwan	29.490	29.596	+0.001	E	80	91.6	76.9	89.1	78.3	83.7	—1.4	83.8	78	5.3	
	Bankura																
	Baerthoom	Ranigunge	29.368	—	—	NE	168.3	90.0	76.4	90.9	77.9	84.4	—	89.0	83	6.4	
	West Burdwan																
	Moorshedabad	Berhampore	29.533	29.590	+0.056	E	144.4	91.7	76.7	90.2	77.8	84.0	—1.1	84.6	83	8.9	
EAST BENGAL.	Nuddea																
	Jessore	Jessore	29.579	29.612	+0.0037	SE	151	90.7	76.4	88.1	78.5	83.3	—0.9	84.3	81	8.7	
	Kheolna																
	Chittagong	Chittagong	29.603	29.623	+0.021	SE	164	86.1	75.0	85.0	76.7	80.4	—1.1	82.3	84	8.1	
	Chittagong Hill Tracts	Demagiri															
	Backergunge	Barrisal	29.601	—	—	SE	133.1	84.6	76.0	83.4	77.4	80.4	—	81.1	86	10.0	
	Noakholly	Noakholly	29.644	29.687	—	ESE	125.3	86.0	74.9	84.7	76.2	80.5	—	80.9	89	9.3	
	Furzedpore	Furzedpore	29.680	—	—	SE	166.3	87.8	75.0	86.6	77.8	83.3	—	84.5	75	5.4	
	Dacca	Dacca	29.623	29.644	+0.021	ESE	165	89.8	77.2	88.6	78.2	83.4	—0.4	83.9	83	6.7	
	Commillah	Commillah	29.625	29.601	—	SE	96.3	96.3	76.8	88.6	76.4	83.5	—	83.2	?	2.9	
NORTH BENGAL.	Mymensingh	Mymensingh	29.603	—	—	SE	163.7	90.3	76.1	89.1	76.9	83.6	—	84.2	83	8.3	
	Bogra and Pabna	Serajgunge	29.606	29.643	—	E	165.8	90.1	76.2	88.8	78.1	83.5	—	84.5	80	6.3	
	Rajahmhye	Rampore Beaulah	29.533	29.606	—	SE	out of order 130.6	89.6	76.6	88.7	77.3	83.0	—	85.0	79	5.0	
	Dinagopore	Dinagopore	29.531	29.640	—	SE	126	91.1	78.1	90.4	79.2	84.3	—	86.1	73	4.0	
	Rungpore	Rungpore	29.640	29.664	—	SE	126	92.8	76.3	91.7	77.9	84.6	—	86.5	76	5.7	
	Jalpigoree	Jalpigoree	29.583	29.667	—	E	108.3	93.0	77.1	91.1	78.2	84.7	—	85.5	76	5.1	
	Cooch Behar																
	Darjeeling Hill Districts	Darjeeling	29.516	—	—	Calm	46	66.1	64.1	67.6	66.1	61.9	—	64.8	83	7.4	
	Purneah	Purneah	29.499	29.634	+0.033	E	38	96.7	76.8	92.9	78.4	86.7	+1.1	86.4	86	8.0	
	North Bhagulpore																
SOUTH BENGAL.	Mosufferpore	Mosufferpore	29.545	—	—	E	—	96.3	76.6	94.7	78.9	86.6	—	88.0	74	6.0	
	Durbhunga	Durbhunga	29.447	29.623	+0.086	ESE	120	92.9	77.5	91.7	80.6	86.2	+2.0	87.3	76	5.3	
	Chumpanan	Motihari	29.393	29.607	—	SE	157.1	90.7	77.3	94.3	79.1	80.7	—	86.7	67	3.7	
	Saran	Ohupra	29.614	—	—	E	79.2	94.5	78.0	93.0	79.4	86.2	—	83.0	70	4.9	
		Dehree	29.238	29.564	—	E	334.6	88.9	75.0	87.5	78.1	81.9	—	87.0	71	5.7	
	Shahabad	Buzar	29.368	29.507	—	ESE	184.1	93.9	77.7	92.9	79.2	85.9	—	88.7	68	6.1	
		Arrah	29.354	29.577	—	ESE	137.6	95.4	76.6	93.4	80.3	86.0	—	88.1	73	4.1	
	Gya	Gya	29.192	29.596	?	E	?	97.2	76.3	93.9	78.1	86.9	+0.9	87.9	74	10.0	
	Patna	Bankipore	29.435	29.617	+0.043	E	147	95.0	79.2	96.3	80.4	86.9	+1.5	87.7	73	5.7	
	South Bhagulpore	Bhagulpore	29.435	29.607	—	ESE	93.1	91.9	76.5	90.6	78.4	84.5	—	86.0	74	4.3	
CENTRAL NAGPUR.	Monghyr																
	Sonthal Pergunnahs	Doomka	29.680	—	—	E	—	90.1	73.8	88.4	76.7	82.5	—	83.3	80	6.3	
	Hazaribaga	Hazaribagh	27.690	29.588	+0.016	E	213	86.5	71.2	86.7	73.0	78.9	—0.2	76.6	83	9.4	
	Lohardugga	Ranchee	27.473	29.533	—	—	—	84.8	69.9	83.6	72.2	77.4	—	77.0	87	5.4	
CENTRAL NAGPUR.	Maunbroom																
	Singbroom	Chaybansa	28.798	—	—	NE	49.7	90.3	75.7	87.9	76.6	82.3	—	82.8	82	8.0	

Explanation of Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same time. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. "rainfall," the normal means are the numerical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisions from the district. (4c.) the total rainfall at the sub-divisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 25th July 1884.

Rainfall of week at observing stations.	DISTRICT OBSERVATIONS.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
	RAINFALL.												
	Of week.		Since 1st of month.			Since 15th May.			Average number of rainy days.	Normal number of rainy days.			
	Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
1'26	-	-	-	-	-	-	-	-	-	-	Gopalpore	Pooree	ORISSA.
2'33	-	5'23	-	10'53	-	-	22'03	-	4'1	5'1	False Point	Cuttack	
3'12	2'23	3'79	7'33	10'23	-2'90	18'56	21'00	-3'04	5'3	3'6	Cuttack	Cuttack	
6'34	6'16	2'63	11'24	10'84	+0'40	24'45	21'24	+3'21	4'7	4'2	Balasore	Balasore	
10'18	7'51	3'11	15'56	11'95	+3'61	20'98	24'33	+3'65	6'7	4'3	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.
6'61	5'37	2'11	12'53	9'27	+3'56	20'24	20'96	-0'72	5'3	3'6	Midnapore	Midnapore	
9'9	3'10	5'75	7'10	8'99	-1'89	18'25	21'86	-2'61	5'7	4'3	Calcutta	Howrah	
1'55	2'13	2'15	5'09	7'38	-2'19	16'16	18'67	-2'51	3'7	4'0	Burdwan	Burdwan	
2'06	3'11	2'36	9'07	9'27	-0'20	16'56	22'36	-5'80	0'3	4'2	Ranigunge	Bankoora	SOUTH-WEST BENGAL.
6'79	1'57	1'79	4'97	5'27	-3'30	14'84	20'35	-5'47	4'8	3'8	Herhampore	Beerbhoom	
1'01	1'01	1'06	5'06	7'70	-1'74	17'81	21'22	-3'41	3'8	3'9	.....	West Burdwan
1'46	1'15	2'25	6'12	8'40	-2'37	24'90	24'45	+0'45	3'7	4'9	Jessore	Moorsheadabad	
5'91	6'55	-	22'62	-	-	28'98	-	-	5'7	5'7	Chittagong	Nuddea	SOUTH-WEST BENGAL.
3'46	3'63	4'07	12'54	13'84	+1'70	40'89	38'45	+2'24	0'0	5'0	Demagiri	Jessore	
6'06	4'19	6'59	15'70	17'90	-2'20	45'75	52'73	-8'98	0'0	6'1	Barrisal	Khoolna	
2'61	1'78	2'45	5'74	8'65	-2'91	21'34	25'77	-4'43	4'0	4'8	Forreepore	Chittagong	
1'38	1'50	2'75	7'75	9'95	-2'17	25'25	27'35	-2'10	4'0	4'0	Dacca	Chittagong Hill Tracts	SOUTH-WEST BENGAL.
1'74	1'83	2'77	11'18	10'26	+0'92	34'03	32'55	+2'28	4'5	5'4	Commillah	Backergunge	
1'60	0'69	2'90	7'04	10'84	-3'80	29'96	32'41	-2'45	3'3	4'4	Mymensingh	Noakholly	
0'55	0'95	2'23	6'96	9'19	-2'23	21'15	25'25	-4'10	2'8	3'9	Sherajunge	Forreepore	
0'57	0'79	1'85	4'86	9'55	-4'69	18'12	22'81	-4'69	3'0	3'7	Rampore Beaulah	Dacca	SOUTH-WEST BENGAL.
0'52	0'46	2'53	6'47	9'30	-2'73	23'36	27'02	-3'66	2'3	3'8	Dinagopore	Bogra and Pubna	
0'02	0'28	5'43	6'42	12'03	-5'61	28'40	30'78	-11'32	1'5	3'5	Rungpore	Rajshahye	
0'28	0'36	5'64	12'25	16'36	-4'11	52'96	57'27	-4'29	1'4	4'7	Julpigoree	Dinagopore	
1'06	0'65	-	35'32	-	-	78'73	-	-	5'9	5'9	Darjeeling	Rungpore	SOUTH-WEST BENGAL.
4'14	0'61	3'15	11'34	10'82	+0'52	22'93	24'92	-1'99	2'1	4'1	Purneah	Julpigoree	
0'02	0'29	2'42	6'69	8'87	-2'18	14'48	17'63	-3'35	1'3	3'4	Durbhunga	Cooh Behar	
0'10	0'06	3'52	9'42	9'27	+0'15	10'02	15'52	+5'50	0'3	3'4	Mothari	Darjeeling Hill Districts	
0'13	0'06	2'52	6'31	8'71	-2'40	11'01	16'37	-4'76	1'5	3'3	Obupra	Purneah	SOUTH-WEST BENGAL.
0'05	0'15	2'23	6'31	8'71	-2'40	11'01	16'37	-4'76	1'5	3'3	Obupra	North Bhagalpore	
Nil	0'31	2'71	6'15	8'70	-2'55	9'38	14'80	-5'42	1'5	4'1	Buxar	Mozuffarpore	
0'17	0'31	2'71	6'15	8'70	-2'55	9'38	14'80	-5'42	1'5	4'1	Buxar	Durbhunga	
0'51	0'49	2'44	6'06	8'64	-2'58	9'97	15'68	-5'71	1'5	3'5	Gya	Chumpanun	SOUTH-WEST BENGAL.
0'20	0'24	5'07	8'72	8'72	-3'15	11'68	16'70	-5'02	1'8	3'6	Bankipore	Saran	
0'50	0'57	2'66	5'73	8'61	-2'88	13'55	17'61	-3'46	2'8	4'0	Bhagalpore	South Bhagalpore	
2'80	2'15	2'27	6'99	9'31	-2'32	14'96	20'08	-5'70	5'2	4'4	Doomke	Monghyr	
0'67	3'24	-	10'29	-	-	19'98	-	-	4'9	4'9	Hazaribagh	Monthul Pergunnahs	SOUTH-WEST BENGAL.
3'23	2'40	2'08	7'63	9'86	-1'05	13'46	19'24	-5'78	6'3	4'7	Ranchos	Hazaribagh	
3'30	3'05	3'50	16'26	10'00	+5'70	21'79	21'34	+0'45	6'0	4'6	Obychessa	Lohardugga	
												Manbhoom	
												Singbhoom	SOUTH-WEST BENGAL.

period for the past one year. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. The number denoting cloud amount represent the part of the sky covered, the whole sky being denoted by 10. For the local "district observations" stations for the period in question during the past 12 years. The "means for the district" are the arithmetic average of the rainfall returns received day by day on which at least an hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 25th July 1884.

Meteorological division.	District.	Station.	RAINFALL.							Total.		Total rain- fall from 1st to 25th July 1884.	Average total rain- fall from 1st to 25th July.	Total rain- fall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 19th July.	Sunday, 20th July.	Monday, 21st July.	Tuesday, 22nd July.	Wednesday, 23rd July.	Thursday, 24th July.	Friday, 25th July.	Number of rainy days.	of Rainfall week.				
ORISSA	Purba	Purba	0.57	0.47	0.03	2.08	0.11	0.04	0.10	4	3.75	10.94	0.28	18.97	18.76
		Khurda	0.42	0.39	0.11	0.04	0.10	4	3.75	10.94	0.28	18.97	18.76
		Bampur	0.58	0.23	0.11	0.04	0.10	4	3.75	10.94	0.28	18.97	18.76
		Palas Point	0.02	0.48	0.14	1.78	0.05	1.11	6	3.63	9.99	1.23	18.97	18.76
		Hookitola	0.36	0.03	2	0.39	0.39	0.03	18.97	18.76
	Outlook	Jagatsinghpore	0.4	0.9	0.34	3	1.64	10.93	0.56	18.97	18.76
		Banki	1.42	1.95	0.35	1.3	4	4.67	10.93	0.56	18.97	18.76
		Cuttack	0.19	0.55	0.04	0.23	0.06	0.30	0.08	7	1.99	7.39	11.34	25.23	24.97
		Kondrapara	0.05	0.80	0.20	1.05	1.07	5	3.20	6.84	10.20	14.29	20.28
		Jajpore	0.18	0.61	0.08	1.90	4	2.67	6.65	10.97	15.89	23.50
	Balasore	Chandball	0.34	0.26	2.10	0.77	3.73	5	7.19	10.93	10.67	22.58	20.41
		Bhuddruck	0.30	0.38	1.82	2	2.54	4.04	9.70	22.17	21.21
		Sorah	0.20	2.40	0.70	2	3.30	9.72	9.00	20.27	18.87
		Balasore	0.02	0.36	3.71	0.05	3.73	5	7.86	13.85	11.18	22.06	21.74
		Jailasore	0.10	1.00	3.30	3.00	0.10	5	9.50	15.70	12.79	22.14	23.44
	Midnapore	Baripooah	0.32	0.48	0.40	0.36	0.03	4.71	0.02	7	6.61	12.77	11.08	25.40	22.66
		Contal	0.08	0.78	1.68	0.73	0.07	0.40	2.08	7	7.55	13.65	12.04	23.31	24.03
		Saugor Island	1.44	0.12	2.00	0.35	1.01	1.10	4.34	7	10.45	20.32	12.32	25.17	24.00
		Tumlook	1.80	1.00	1.00	3	3.80	9.40	8.72	20.90	20.15
		Midnapore, Ghattai	0.22	0.63	3.70	0.41	0.27	0.05	1.04	7	6.32	16.00	8.39	20.02	19.08
	24-Pergunnahs	Diamond Har- bour.	0.71	0.94	0.08	1.60	0.46	0.67	6	4.83	13.47	11.43	27.42	23.97
		Alipore Jail	0.08	1.40	0.75	0.38	0.42	0.13	6	4.12	8.78	9.34	22.21	22.30
		Barrackpore	0.24	1.00	0.40	0.25	0.08	5	1.92	4.08	8.68	18.21	21.00
		Dum-Dum	0.01	1.61	1.23	0.23	0.74	0.02	0.08	7	3.82	9.25	8.14	21.17	21.30
		Busserhat	0.04	1.21	0.07	0.23	0.20	0.05	6	2.40	6.24	7.87	18.04	20.75
	Howrah	Howrah	0.54	1.72	0.35	0.40	0.01	0.07	6	3.18	5.90	9.04	17.03	21.08
		Mohesraha (Dohoriah.)	1.63	1.35	0.42	0.31	0.38	0.17	6	3.70	8.40	9.03	20.17	23.41
		Serampore	0.51	0.08	0.27	0.38	0.07	0.07	6	2.28	7.31	9.23	23.44	21.35
		Hooghly	0.00	1.43	0.13	0.10	0.05	5	1.89	4.78	8.01	13.83	20.61
		Jehannabad	0.38	1.03	1.87	0.33	0.05	0.15	6	3.81	7.40	9.58	14.73	23.22
	Burdwan	Culina	0.43	1.32	0.18	3	1.98	4.99	7.28	16.86	18.03
		Burdwan	0.40	0.80	0.35	0.20	4	1.76	5.06	7.90	11.11	10.46
Culina		0.44	0.43	0.30	.....	.....	0.70	.....	4	2.66	4.83	0.67	11.55	18.53
Ranagunge		.....	.....	0.65	0.55	0.08	0.18	0.34	4	3.00	8.24	9.32	15.67	10.84
Bankura		0.60	0.00	0.35	0.40	0.15	0.10	0.80	7	2.60	10.89	8.06	21.05	20.00	
Bankura	Bishnupore	0.33	0.20	0.38	0.16	0.08	0.40	1.84	7	3.88	7.80	7.91	15.25	21.02	
	Mahara	2.00	0.33	0.03	0.12	.....	0.22	.....	5	3.40	7.37	8.42	11.47	20.02
	Khatra	1.21	0.33	0.54	0.65	0.10	0.02	0.03	7	3.44	11.04	11.88	20.00	25.23	
	Bh. Soory	0.13	1.90	0.62	0.80	0.01	0.04	0.44	7	4.03	8.42	9.43	15.67	22.26	
	Hetampore	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	21.21	21.21
Nuddea	Bongong	.....	.....	1.40	.....	.....	.....	0.30	2	1.70	5.41	8.42	17.02	22.40
	Banachhat	1.50	0.14	1.90	.....	.....	.....	0.40	4	4.24	8.28	7.50	22.02	20.18
	Kishnachur	0.72	0.31	0.21	0.23	.....	0.23	.....	5	1.72	8.78	7.82	15.10	19.17
	Choudanaga	0.02	.....	0.77	0.16	0.12	.....	0.10	5	1.17	5.72	7.55	18.55	21.40
	Meherpore	0.10	.....	0.59	.....	0.00	0.17	.....	4	1.04	3.37	7.21	14.11	20.11
Khowla	Khowla	0.10	.....	1.32	.....	.....	.....	0.08	5	1.60	7.17	8.30	20.18	23.91
	Satkira	0.67	0.10	1.34	.....	0.10	0.11	0.10	6	3.23	8.32	9.30	27.70	24.79
	Bagirhat	.....	.....	1.35	0.26	.....	.....	.....	4	1.81	11.91	10.97	22.26	22.63
	Khowla	0.05	0.24	0.75	.....	.....	.....	0.38	4	1.42	8.75	8.60	22.12	24.09
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	24.09	24.09
Jansore	Narail	.....	.....	0.25	.....	.....	0.06	.....	2	0.31	5.63	6.10	16.01	21.02
	Jansore	0.03	0.11	1.02	0.32	.....	.....	.....	4	1.48	6.82	7.66	27.37	24.28
	Jhendah	.....	0.12	0.80	.....	0.06	.....	0.06	4	0.84	4.04	7.78	20.70	21.20
	Magoorah	.....	0.14	.....	.....	.....	.....	0.07	2	0.21	2.20	6.11	21.00	23.08
	.....	0.37	.....	.....	.....	.....	.....	.....	2	0.37	0.37	0.37	21.00	21.00
Moorshedabad	Kandi	0.21	.....	0.27	0.08	0.28	.....	.....	5	1.21	3.13	9.62	13.03	21.87
	Rampore Haut	0.08	0.33	0.03	0.22	.....	.....	0.33	5	1.80	5.35	7.04	12.27	19.50
	Berhampore	.....	.....	0.82	.....	0.16	0.01	0.05	4	0.74	3.72	2.62	13.25	21.47
	Lalbagh	.....	.....	1.67	.....	0.16	0.38	0.38	3	2.11	8.45	7.43	18.67	19.44
	Azamungo	0.07	0.03	1.16	0.32	0.11	0.02	0.37	7	2.08	6.75	7.53	16.62	21.17	
Chittagong	Jumrapore	.....	0.15	0.48	0.00	0.00	0.38	0.44	4	1.01	4.44	8.95	12.37	20.18
	Lalgaia	.....	.....	1.00	.....	0.08	0.03	0.23	4	1.33	5.03	9.11	20.20	20.28
	Cox's Bazar	0.24	.....	0.68	3.76	0.33	0.05	1.50	6	6.44	26.04	30.23	68.34	78.19
	Chittagong	0.80	.....	0.11	0.57	0.18	0.03	.....	6	6.44	26.04	30.23	68.34	78.19
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	68.34	68.34
Chittagong Hill Tracts.	Rangamati	0.03	0.31	0.42	0.16	.....	.....	0.08	5	0.83	7.77	12.28	22.07	35.00
	Raicha	0.30	.....	0.06	0.20	.....	.....	.....	3	0.86	8.06	8.20	32.02	27.34
	Agartala	.....	.....	0.45	0.18	.....	.....	0.23	3	0.86	8.06	8.20	32.02	27.34
	Patuakhali	1.50	0.20	1.90	.....	.....	1.40	1.00	6	6.20	13.83	16.83	42.10	45.06
	Perazopore	0.73	0.23	0.19	0.03	0.74	0.35	.....	6	2.19	11.02	11.74	27.40	31.76
Backergunge	Burnial	.....	0.11	1.50	0.02	0.02	0.30	0.03	6	2.61	13.30	11.53	27.37	32.72
	Bhola	0.06	0.23	2.08	0.08	0.12	0.28	0.68	7	3.53	23.01	15.24	43.86	44.31	
	Noakhali	0.24	0.27	3.12	0.00	0.04	0.13	1.19	7	6.68	17.04	17.86	25.00	51.27	
	Fenny	.....	0.75	0.17	0.45	.....	0.25	0.17	5	1.79	13.43	17.92	21.20	51.27
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	51.27	51.27
Furreedpore	Madaripore	.....	0.83	.....	.....	1.11	0.15	.....	3	1.78	5.72	6.09	19.03	26.76
	Furreedpore	.....	.....	1.08	0.32	0.18	0.10	.....	5	2.71	8.44	8.14	24.42	27.77
	Gaulundo	0.12	0.11	0.45	.....	.....	0.19	.....	4	0.85	5.67	8.77	20.61	24.53
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	24.53	24.53
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	24.53	24.53
Dacca	Munshigunge	.....	.....	0.00	.....	0.05	.....	0.33	3	1.07	7.81	13.02	25.06	32.46
	Dacca	.....	0.13	1.09	0.04	0.05	.....	0.27	5	1.57	7.95	9.41	24.31	27.63
	Narainrange	.....	0.04	0.80	.....	0.05	.....	0.85	4	1.13	5.89	10.17	21.37	24.77
	Manerungunge	.....	0.18	1.05	.....	0.10	0.13	.....	4	2.13	8.17	8.41	26.84	31.97
	.....	.....	.....	.....	.....	.....	.....	.....	1	0.00	0.00	0.00	26.84	26.84
Comilla	Comilla	0.15	0.39	0.87	0.46	.....	.....	0.47	5	3.54	15.32	11.33	40.27	35.10
	Chandapore	.....	0.05	0.73	.....	.....	0.05	0.16	4	1.90	10.30			

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.) the 25th July 1884—concluded.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain fall from 1st to 25th July 1884.	Average total rain fall from 1st to 25th July.	Total rain fall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 19th July.	Sunday, 20th July.	Monday, 21st July.	Tuesday, 22nd July.	Wednesday, 23rd July.	Thursday, 24th July.	Friday, 25th July.	Number of rainy days.	of Rainfall week.				
NORTH BENGAL.	Pubna	Pubna	0'08	.....	0'41	0'10	0'19	.....	0'49	5	1'27	0'07	7'15	21'32	22'38
		Soragunge	.....	.....	0'25	0'04	.....	.....	0'03	3	0'32	7'77	8'05	19'40	20'04
	Bogra	Sherpore	.....	0'25	0'23	.....	.....	.....	.....	2	0'48	5'43	11'45	23'51	24'21
		Nowshilla	.....	.....	1'35	0'14	.....	.....	0'10	3	1'49	6'79	8'05	25'51	26'50
		Bogra	.....	.....	0'13	.....	.....	.....	0'06	1	0'21	6'79	11'00	27'91	28'71
		Panchbibi	.....	.....	.....	0'80	.....	.....	.....	1	0'80	8'23	11'15	22'64	23'00
	Rajshahye	Benaulah	0'01	.....	0'48	0'04	.....	.....	0'31	4	0'81	5'53	9'02	18'60	22'13
		Natore	.....	.....	0'40	.....	.....	.....	0'30	4	0'70	4'45	10'09	10'57	24'00
	Maldah	Nowgong	.....	.....	0'70	.....	0'08	.....	0'05	3	0'83	6'37	?	20'38	?
		Maldah	.....	0'13	0'49	.....	0'66	.....	0'13	4	1'41	4'78	9'07	18'76	22'30
	Dinapore	Mohadehpore	.....	.....	0'36	0'08	0'06	.....	0'13	4	0'63	4'14	9'27	18'07	27'09
		Churamun	.....	.....	.....	.....	.....	.....	0'35	1	0'35	6'83	9'87	20'43	21'40
		Rakunge	.....	0'03	0'58	.....	.....	.....	0'09	3	0'47	1'00	9'21	22'33	27'24
		Dinapore	.....	.....	0'18	0'09	.....	.....	0'11	3	0'38	6'47	11'44	22'14	28'33
	Bangore	Balourghat	.....	.....	.....	.....	.....	0'04	.....	1	2'04	6'86	?	20'43	?
		Shawanigunge (Gyabanda)	.....	.....	0'23	.....	.....	.....	.....	1	0'23	9'19	9'20	24'63	30'00
		Bangore	.....	.....	.....	0'03	.....	.....	0'06	2	0'06	4'21	15'33	30'23	40'00
		Kurigram	.....	.....	0'35	.....	.....	.....	0'25	2	0'60	3'03	12'21	20'28	41'71
	Jalpaigore	Bagdogra (Niphamari)	.....	.....	.....	.....	.....	.....	0'09	1	0'09	8'03	11'35	29'03	47'23
		Jalpaigore	.....	.....	.....	.....	.....	.....	0'21	1	0'21	16'47	21'03	47'60	57'74
	Cooch Behar	Dinhat	.....	0'33	0'11	.....	.....	.....	.....	2	0'44	7'15	9'73	47'40	49'74
		Cooch Behar	.....	.....	.....	.....	.....	.....	0'42	1	0'42	15'01	18'91	62'90	63'90
		Meeklingmoo	.....	0'15	.....	.....	.....	.....	0'02	2	0'17	10'06	14'80	64'94	64'94
		Matabhang	.....	.....	.....	.....	.....	.....	0'05	1	0'05	13'03	10'73	50'03	61'30
	Darjeeling Hill.	Ruxa	.....	.....	.....	.....	0'46	1'15	.....	.....	.....	.....	43'21	.....	101'45
		Siliguri	.....	.....	.....	0'12	0'00	.....	0'49	3	0'60	22'70	?	62'46	?
		Darjeeling	.....	.....	0'02	0'18	.....	.....	0'00	3	1'10	22'34	24'41	46'53	53'00
		Kalimpong	.....	.....	0'25	3'23	0'03	.....	1'00	4	4'57	10'53	?	84'18	?
NORTH BENGAL.	Purneah	Kisongunge	.....	0'40	.....	.....	.....	0'00	.....	2	0'70	17'22	15'65	34'52	35'27
		Arrareah	.....	.....	0'50	0'09	.....	0'32	0'20	4	1'17	15'41	15'03	28'10	28'27
		Purneah	.....	.....	0'07	.....	.....	.....	0'21	2	0'28	12'54	10'44	22'44	24'55
	North Bhagulpore.	Maddapore	.....	.....	0'25	.....	.....	.....	.....	1	0'25	6'54	9'47	16'25	30'05
		Soopool	.....	.....	0'25	0'40	.....	.....	.....	2	0'65	6'55	8'30	14'50	19'44
	Durbhanga	Tajpore	.....	0'13	.....	0'18	.....	.....	0'14	3	0'45	6'51	9'10	13'76	17'51
		Durbhanga	.....	.....	0'10	.....	.....	.....	.....	1	0'10	3'63	9'40	10'88	12'22
		Madhubani	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'87	7'02	14'34	15'17
	Moufferpore	Sitamari	.....	0'42	.....	.....	.....	.....	.....	1	0'42	8'56	8'40	15'80	17'39
		Moufferpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	8'30	9'30	11'53	15'30
		Hajpore	.....	0'37	.....	.....	.....	.....	0'37	2	0'74	11'21	8'40	20'87	19'20
	Chumparan	Motihari	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'20	7'68	10'97	16'03
		Bettiah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	8'65	11'17	18'30	21'50
	Garun	Gopalgunge	.....	.....	0'19	.....	.....	.....	.....	1	0'19	10'40	8'06	18'78	17'45
		Nawan	.....	0'13	0'03	.....	.....	.....	.....	2	0'16	6'37	8'73	9'55	17'34
		Chuprah	.....	0'10	.....	.....	.....	.....	.....	1	0'10	7'25	8'79	13'06	16'44
SOUTH BENGAL.	Shahabad	Buxar	.....	.....	0'10	.....	.....	0'08	0'20	3	0'38	4'07	8'59	9'78	14'32
		Dehra	.....	.....	.....	.....	.....	.....	0'10	1	0'10	8'36	9'83	?	?
		Bhulpoah	.....	.....	.....	0'00	.....	.....	.....	1	0'00	7'76	9'50	8'67	15'45
		Bamunrah	.....	.....	.....	0'10	.....	.....	0'15	1	0'25	4'25	8'70	7'30	14'33
		Arrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7'60	7'07	11'03	14'69
	Gya	Aurangabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7'03	9'08	12'50	18'49
		Gya	.....	0'04	0'08	0'31	.....	.....	0'30	4	0'73	6'77	8'44	10'41	16'42
		Nowadah	.....	.....	0'60	0'00	.....	.....	.....	2	1'22	4'92	8'33	7'20	15'45
	Patna	Jamunabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	5'60	8'08	9'75	15'07
		Patna	.....	.....	.....	.....	.....	.....	0'08	1	0'08	6'42	8'37	14'63	18'08
		Dinapore	.....	.....	.....	.....	.....	.....	0'14	1	0'14	6'02	8'26	16'32	19'16
	Monghyr	Behar	.....	.....	0'25	.....	.....	.....	0'06	2	0'32	3'06	9'08	9'84	17'84
		Barrh	.....	.....	0'10	0'01	.....	.....	0'14	3	0'25	5'25	9'13	9'85	16'08
		Hagoosera	.....	.....	0'28	.....	.....	.....	.....	1	0'28	4'36	7'88	10'14	15'47
	South Bhagulpore.	Monghyr	.....	0'08	0'00	.....	.....	.....	0'04	3	0'70	8'43	8'00	15'43	17'04
		Jamui	.....	0'34	0'74	.....	.....	.....	0'38	3	1'44	7'25	9'31	14'79	17'33
		Shagulpore	.....	0'01	0'33	0'02	.....	.....	0'38	4	0'76	5'37	8'18	18'30	17'04
	Sonthal Pergunnahs.	Bansa	.....	0'20	0'70	0'15	.....	.....	0'30	4	1'45	4'02	8'67	9'45	18'06
		Rajmahal	.....	0'15	0'45	.....	0'13	.....	0'28	4	1'00	6'17	9'24	10'57	21'68
		Gouda	.....	.....	0'09	0'18	.....	.....	0'32	3	1'19	8'05	8'05	12'25	18'78
		Makour	.....	0'13	0'26	0'30	.....	.....	0'35	4	0'74	3'73	10'08	15'07	25'51
		Nya Dooka	0'55	0'19	0'40	0'63	0'21	0'25	0'50	7	2'79	6'80	9'39	11'09	20'03
		Deognur	.....	0'02	0'28	1'05	0'08	0'46	0'34	6	3'43	7'60	10'41	13'21	30'76
CHUTIA NAG PUL.	Kamartbagh	Jamunara	0'36	0'10	0'32	1'02	0'18	0'75	0'30	7	3'73	11'57	9'13	18'36	29'15
		Pachamba	.....	.....	0'83	0'32	0'19	0'17	0'34	5	2'55	7'40	8'05	11'44	19'41
		Hazaribagh	0'08	.....	0'21	0'13	0'40	0'07	0'23	5	0'95	4'07	10'10	11'40	18'39
	Lohardugga	Bentagurrah	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10'48	11'77	20'59
		Manuh Mals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11'51	.....	.....
		Lohardugga	0'46	0'01	0'57	1'25	0'17	.....	0'18	6	3'65	10'66	?	15'70	?
	Singbhoom	Manuh	0'12	0'00	0'04	1'48	0'19	0'08	0'41	7	2'54	11'02	11'03	19'17	30'43
		Palasow	0'15	0'08	.....	0'52	0'10	.....	.....	4	0'85	5'06	9'21	7'50	10'23
	Manbhoom	Chyetassa	1'53	0'07	1'01	8'47	.....	0'60	1'35	6	8'03	16'36	10'60	21'79	31'34
		Puruna	0'38	0'35	0'65	0'02	1'46	1'12	0'33	7	4'59	9'59	9'44	18'43	29'31
	Gobindapore	Gobindapore	0'01	0'09	1'01	0'63	0'20	0'23	0'19	7	2'35	6'00	9'72	8'54	19'26

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If some of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA,
The 28th July 1884.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 25TH JULY 1884.**

The meteorology of the Province during the past week presents the same abnormal features as during the preceding three weeks. During the past month there has been a rapid succession of brief bursts of strong south-west monsoon winds up the Bay. These have each given rise to the formation of small atmospheric whirls or cyclonic circulations near the head of the Bay. Hence there has also been a rapid succession of very feeble cyclonic storms at the head of the Bay, all of which, since the beginning of June, formed or gathered strength near the Sandheads, and crossed the Orissa coast. Their passage landwards has been in each case followed by a comparatively feeble inrush of monsoon winds into the Province, which have given more or less general rain, most abundantly in East and South Bengal and Orissa, or in the neighbourhood of the coast and the path of the storms. The rainfall has been in consequence very irregularly distributed, more especially during the present month, and many parts of North Bengal and North Behar have received an unusually small rainfall.

The peculiar features of the present monsoon have been very strongly marked during the past week. A small cyclonic circulation began to be formed in the front of a rush of monsoon winds, as was noted in last week's report, on Friday the 18th. Winds shifted round in South Bengal on the morning of the 19th. It was an unusually feeble cyclonic disturbance, and remained in the north-west angle of the Bay until the morning of the 23rd, when it crossed the Balasore coast and was broken up by the North Orissa hills. Another whirl began to form on the 24th, and the occurrence of very heavy rainfall at Akyab on that day seemed to indicate that it was initiated by stronger monsoon winds than the preceding whirl, and would probably give rise to larger and more general rainfall. It gained strength very rapidly, and advanced across the Balasore coast in less than 24 hours from the time that it first influenced the winds on the Bengal and Orissa coasts. It has brought up larger supplies of vapour, which have apparently given heavy rainfall in Eastern Bengal, and produced a slight depression in that area. This is at present giving atmospheric disturbance to the greater part of Bengal, and fairly general rainfall over the whole Province.

Pressure—Was falling at the end of last week in consequence of the formation of a whirl (the fifth of the present season) at the head of the Bay. It diminished at first rapidly, but from the 20th to the 23rd the changes were small. The passage of the storm across the Balasore coast early on the morning of the 23rd was followed by a slight increase of pressure in East Bengal and Orissa. A rapid decrease of pressure on the 24th accompanied the formation of another whirl (the sixth of the present season) at the head of the Bay. Unlike the preceding, it formed very rapidly and crossed the Balasore coast very early on the morning of the 25th. This was followed by an unusually rapid rise of the barometer over the whole Province, greatest in amount in East and South Bengal and Orissa. The mean pressure of the week is below the average in those districts chiefly affected by the cyclonic disturbances, that is, in Orissa and the adjacent districts of South-West Bengal. It was above it in the remainder of the Province by amounts ranging from zero at Burdwan, Berhampore and Jessore to '04" at Patna and Durbhunga.

Temperature—Has varied slightly from the normal during the week. The mean temperature of the week was from 1° to 2° above the normal in the area of most deficient rainfall (Behar and North Bengal), and very slightly below it in Orissa, South-West and East Bengal.

Winds—Have been very variable in South-West Bengal and Orissa during the week. Northerly winds prevailed during the formation of the two storms, whilst their passage landwards was followed by a burst of monsoon winds over the Province. The first storm gave a very feeble influx, and affected the air circulation very slightly in Behar. The second gave a much stronger humid current over Bengal, and a larger influx of aqueous vapour on the 25th. It was felt in Behar on the 26th, when strong easterly winds prevailed for some little time in Central and South Behar.

Rain—The rainfall of the past week has been very unequally distributed. The passage of the two cyclonic disturbances across Orissa has given heavy rainfall to the northern districts of that division, the south-western districts of South-West Bengal and the south-eastern districts of Chutia Nagpur. South and East Bengal have received moderate rain from the influx of vapour that followed the landward motion of the storms. There has been on the other hand an almost complete break of the rains in North Bengal and Behar during the past week.

Moderate rain fell on the 19th, 20th and 21st in Orissa, East and South-West Bengal, Chutia Nagpur and Sonthal Pergunnahs. The rainfall was most general and heaviest on the 21st. Frequent light showers occurred in Orissa and South-West Bengal on the 22nd and 23rd, and local showers in East Bengal. Some very heavy showers fell in North Orissa on the 24th and 25th, due to the second disturbance of the week. The following were the heaviest:—

Jellalore	...	...	...	5.00 inches on the 24th.
Baripoda	...	...	...	4.71 ditto 24th.
Saugor Island	...	...	...	4.34 ditto 25th.

Light to moderate rain also fell on the 25th over the whole Province, excepting the western districts of North and South Behar.

* The following statement gives fully the distribution of rainfall during the week with respect to place.

The three districts of Balasore, Midnapore, and Singhbhum (through which the storms passed), received amounts from two to two and a half times the normal amount. The adjacent districts, including the 24-Pergunnahs, Howrah, Hooghly, Burdwan, Nuddea, Bankoora, Birbhoom, Manbhoom, and the Sonthal Pergunnahs received approximately normal amounts and varying with one unimportant exception by less than ten per cent. from the average district rainfall of the week. The Cuttack and Moorshedabad districts received between 80 and 90 per cent., and the Jessore district 50 per cent. of their normal amounts. Eastern Bengal received amounts below the average in all districts. Burrisal obtained 90 per cent., Furreedpore and Noakholly between 70 and 80 per cent., Dacca and Comillah between 60 and 70 per cent., and Mymensingh only 23 per cent.

The rainfall was abnormally deficient in North Bengal and Behar. The following districts received less than 10 per cent. of the normal rainfall of the week, and hence give the area of most deficient rainfall:—Chumparun (2 per cent.), Sarun and Julpigoree (each 6 per cent.), Bungalow (8 per cent.) and Patna (9 per cent.). The week was in fact almost rainless in these districts. Shahabad, Durbhunga, Mozufferpore, Purneah, and Dinagepore received between 10 and 20 per cent. of the average; Gya 20 per cent., Bhagulpore 34 per cent., and Bogra, Pubna, and Rajshahye between 40 and 50 per cent.

The following abstract table shows that Orissa, South-West Bengal, and Chutia Nagpur received on the whole excess rainfall, but that East Bengal only obtained an average rainfall, which was 65 per cent. of the normal amount, North Bengal 17 per cent., North Behar 12 per cent., and South Behar 88 per cent.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 25th July 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.	Rainy days.			Since 1st of month.	Since 1st of May.				
			Of highest of each day.	Of lowest of each day.	Of mean for each day.			Average number in week.	Normal average number in week.	Variation.						
Orissa	92.4	75.7	87.4	78.8	83.2	-1.0.5	4.00	2.85	+1.15	4.8	4.0	+0.8	9.78	10.50	30.93	21.55
South-West Bengal	99.0	74.8	88.6	78.1	83.3	-1.0	2.78	2.31	+0.47	5.0	4.3	+0.7	7.63	8.78	19.47	21.81
East Bengal	98.3	70.1	86.5	76.8	81.7	-0.8	2.30	3.55	-1.25	4.7	5.3	-0.6	10.90	13.40	34.93	35.95
North Bengal	93.0	76.2	80.1	78.1	84.2	-	0.57	3.32	-2.75	2.3	4.0	-1.7	7.78	11.55	30.34	35.33
North Behar	92.7	70.5	83.3	79.3	86.3	+1.6	0.38	2.64	-2.26	1.4	3.0	-1.6	8.61	9.53	17.65	20.00
South Behar	97.2	73.0	91.3	78.8	85.1	+1.2	0.94	2.44	-1.50	2.8	4.0	-1.2	6.17	8.43	12.25	17.25
Chutia Nagpur	86.5	69.0	83.6	78.6	78.1	-0.2	3.00	2.99	+0.01	5.0	4.8	+0.2	8.38	10.14	13.50	19.75

* Chyabana not included.

METEOROLOGICAL OFFICE, BENGAL;

The 28th July 1884.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from
20th to 26th July 1884.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 55° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1884.		☉		Inches.	☉	☉	☉	☉	☉	Inches	☉	%.			Inches	
July	20th	142.0	3.7	29.516	81.3	86.8	7.5	78.7	78.7	0.947	77.6	89	SSE and variable ...	109	0.83	Cloudy, o, g, d, p, t.
"	21st	134.4	Nil	.489	79.4	88.1	7.5	75.6	77.5	.919	76.6	88	ESE and SSE ...	138	1.49	Cloudy, o, g, d, p, ●.
"	22nd	146.4	4.5	.495	81.8	86.8	9.6	77.2	79.0	.956	77.9	88	ESE and SE ...	149	0.80	Chiefly cloudy, o, g, p.
"	23rd	153.7	4.8	.472	83.2	88.8	10.6	78.2	80.1	.980	78.9	87	SE and SSE ...	119	0.89	Chiefly cloudy, o, g, t, p, d.
"	24th	125.0	1.3	.444	81.7	85.6	8.7	76.9	79.0	.955	77.8	88	ESE and SE ...	104	0.99	Chiefly cloudy, o, p.
"	25th	91.5	0.1	.630	78.9	82.1	5.9	76.2	77.1	.905	76.2	91	SE by S and SSE ...	145	0.19	Cloudy, o, g, d, p.
"	26th	137.0	2.8	.565	81.9	86.2	9.5	76.7	78.4	.926	76.9	85	SW and SSW ...	114	0.54	Chiefly cloudy, o, g, p.

The mean pressure of the seven days	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	29.502
The total number of hours of bright sunshine	...	...	...	Hours.
The maximum possible number of hours of sunshine	...	...	...	17.2
				92.8
				☉
The mean temperature of the seven days	...	...	...	81.2
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	83.3
The extreme variation of temperature	...	...	...	13.2
The maximum temperature	...	...	...	88.8
				Miles.
The highest velocity of the wind in one hour	...	...	...	11
				lbs.
The highest pressure of the wind on one square foot	...	...	...	Not measureable
				%.
The mean relative humidity	...	...	...	89
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	...	86

The total fall of rain from 20th to 26th July 1884	...	...	...	Inches.
The average fall of the corresponding period for 24 years, S. G.'s Office...	...	...	...	4.36
The total fall from 1st January to 26th July 1884	...	...	...	2.92
The average fall of the corresponding period for 24 years, S. G.'s Office ...	...	...	...	28.46
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.	...	...	...	31.90

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, ● continued rain.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
Calcutta, the 28th July 1884.

For Meteorological Reporter to the Government of India.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 20th to 26th July 1884.**

Month.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1884.		°	°	°	°	°	Inches.	°	%	Inches.
July	20th	80.0	87.7	8.7	79.0	78.0	.933	77.1	91	0.34
"	21st	77.0	84.1	8.3	75.8	76.6	.911	76.4	98	1.91
"	22nd	81.3	86.8	9.5	77.3	78.9	.959	78.0	90	0.47
"	23rd	81.6	89.3	10.5	78.8	80.2	1.018	79.6	94	0.38
"	24th	80.0	84.8	7.5	77.3	78.3	.970	78.3	94	0.16
"	25th	77.6	82.3	5.5	76.3	76.8	.913	76.5	96	0.14
"	26th	80.6	86.0	9.3	76.3	79.4	.989	78.7	95	0.60

The mean temperature of the seven days ... 79.7

The extreme variation of temperature ... 18.5

The maximum temperature ... 89.3

The mean relative humidity ... 94%

The total fall of rain from 20th to 26th July 1884 ... 8.90

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,
Calcutta, the 28th July 1884.

JOHN ELIOT,
For Meteorological Reporter to the Govt. of India.

MEMORANDA.

From the annexed table, exhibiting the vital statistics of the first class Municipalities in Bengal for the week ending 12th July 1884, the following results have been gathered:—

1. That the birth-rate in these Municipalities was 18·2 per 1,000 of population, against the same proportion in the preceding week ending 5th July, and the death-rate 26·6 against 25·2 per 1,000. A fair improvement is thus seen in the number of deaths registered.

2. That the following Municipalities returned the highest proportions of births and deaths:—

<i>Births.</i>				<i>Deaths.</i>			
			Ratio per mille.				Ratio per mille.
Utterpara	...	...	47·2	Poori	...	...	42·8
Bhagulpore	...	...	41·6	Chupra	...	...	42·0
Serampore	...	...	31·4	Gya	...	...	41·0
				Bhagulpore	...	...	38·9
				Kishnaghur	...	...	36·0
				Suburbs of Calcutta	...	...	31·6
				Burdwan	...	...	30·5
				Chittagong	...	...	30·5

3. That the diseases classified in the table above alluded to furnish the death-rates exhibited below, in contrast with the results of the preceding week:—

				Ratio per mille during weeks ending—	
				12th July 1884.	5th July 1884.
Cholera	...	...	...	1·8	2·8
Small-pox	...	...	...	·9	·9
Fever	...	...	...	12·0	11·1
Bowel-complaints	...	...	...	4·2	3·8
Injury	...	...	...	·9	·4
Other causes	...	...	...	6·8	6·7

The above figures indicate a sensible decline of fatality from cholera; no variation in that from small-pox; and higher mortality to a more or less extent, from the rest of the diseases.

4. That the abovementioned death-causes proved most fatal to life in the following Municipalities:—

<i>Cholera.</i>		<i>Small-pox.</i>		<i>Fever.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Poori	15·0	Bhagulpore	3·6	Chupra	26·4
Chittagong	7·0	Dacca	3·2	Burdwan	22·9
Gya	4·1	Gya	2·0	Kishnaghur	22·7
Suburbs of Calcutta	3·7				
Dacca	3·2				
Bhagulpore	2·7				
<i>Bowel-complaints.</i>		<i>Injury.</i>		<i>Other causes.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Midnapore	10·8	Hughli	4·0	Serampore	11·8
				Kishnaghur	11·3
				Gya	10·3
				Suburbs of Calcutta	9·9
				Bhagulpore	9·9
				Dacca	9·7

5. That the mortality of the week, distributed under the heads of *Sex*, *Class* and *Age*, stands as noted below:—

<i>According to Sex.</i>			<i>According to Class.</i>			<i>According to Age.</i>		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	27·5	Christians	...	13·0	Under 1 year	...	272·7
Females	...	25·6	Hindus	...	25·5	1 and under 5 years	...	45·5
Ratio of male deaths to every 100 female deaths	...	121	Mahomedans	...	29·7	5 " 10 "	...	19·5
			Budhist	...	24·2	10 " 15 "	...	13·1
						15 " 20 "	...	17·3
						20 " 30 "	...	13·8
						30 " 40 "	...	16·3
						40 " 50 "	...	18·2
						50 " 60 "	...	24·6
						60 years and upwards	...	42·6

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 28th July 1884.

Statement showing the Results of the Registration of Births and Deaths in the First Class Municipalities in Bengal during the week ending 12th July 1884.

DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.			MORTALITY ACCORDING TO—											SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Males.	Females.	Total.	Number of—	Ratio per 1,000 of population per annum.		Ratio of male births to every 100 female births.	Disease.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						Males.	Females.		Deaths from—						Ratio per 1,000 of population per annum in the previous week.					Deaths.	Ratio per 1,000 of population per annum.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Howel-complaints.	Injury.	Other diseases.	All causes.			(Inner diseases.)	All causes.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Barisal	Barisal	16,017	16,017	32,034	6	5	11	82	76	158	120	15	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community taken in February 1881 was not reliable, owing to the Europeans being at a distance in that month. The number of the native community was not taken. The census was taken on the 1st day of July, and the results are given in the following table. The rates under which have been obtained, have been as the census of the Europeans above specified.

[illegible]

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 28th July 1884.

**R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.**

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Jellinghee River for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.		
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
	LOCAL TRAFFIC.	Mds.	Rs.			Rs.	A.	P.
39	Paddy ...	8,885	13,327	16,075	574	120	9	0
43	Rice ...	4,575	12,581	8,900	317	66	12	0
72	Wheat ...	27,950	55,900	53,825	1,922	403	11	0
41	Gram ...	12,945	19,417	24,175	863	181	5	0
96	Pulses and other crops	29,975	59,950	58,350	2,083	437	10	0
2	Jaggery ...	100	350	200	7	2	0	0
57	Salt ...	14,100	38,775	27,600	985	276	0	0
1	Ghee ...	80	2,240	275	9	2	12	0
5	Oil ...	625	5,000	1,425	50	14	4	0
3	Tobacco ...	1,200	4,800	2,600	92	26	0	0
5	Brass ...	275	11,000	725	25	7	4	0
1	Jute ...	225	900	550	19	5	8	0
20	Linseed ...	6,125	18,375	11,675	416	87	9	0
21	Mustard seed ...	7,225	28,900	13,975	499	104	13	0
1	Ghooting lime ...	1,700	1,700	3,300	117	16	8	0
7	Ghooting ...	1,475	368	3,000	107	7	8	0
27	Unwrought timber and piles, 293D + 162G ...	.....	.....	.....	.....	140	4	0
3	Bone ...	375	93	875	31	4	6	0
78	Miscellaneous ...	15,325	1,22,600	28,900	1,032	289	0	0
2	Coal and coke ...	400	225	925	33	4	10	0
1	Earthware and earthen-pots ...	50	12	150	5	0	3	0
525	Total ...	1,33,660	3,96,513	2,57,500	9,186	2,198	8	0
426	Total of same month last year ...	1,03,425	3,78,707	1,97,475	7,017	1,753	13	0
	MISCELLANEOUS.							
1,275	Passenger boat ...	.....	.....	.....	.....	601	0	0
203	Empty " ...	.....	.....	1,66,725	5,954	208	6	6
2	Oil-cake ...	75	75	150	5	1	8	0
1,480	Total ...	75	75	1,66,875	5,959	810	14	6
1,352	Total of same month last year ...	.....	.....	1,66,225	5,936	672	4	6
2,005	Grand Total ...	1,33,735	3,96,588	4,24,375	15,145	3,009	6	6
1,778	Grand Total of same month last year ...	1,03,425	3,78,707	3,63,700	12,983	2,426	1	6

MEMORANDUM.

Rs. A. P.

Unrecovered balance on the 1st of the month
 Amount of tollage for the month

3,009 6 6

Amount credited in the accounts for the month

3,009 6 6

Balance at the end of the month

3,009 6 6

N.B.—In the statement for June 1883, Empty was shown under "Local Traffic" and Rafts of timber under "Miscellaneous."

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDRA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Matabhanga River for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
3	Charcoal ...	600	150	1,250	46	6 4 0
1	Ghooting ...	75	14	225	8	0 9 0
2	Limestone ...	850	850	1,725	63	4 5 0
3	Tile ...	300	75	625	23	0 12 6
2	Lime ...	750	750	1,225	45	6 2 0
1	Firewood ...	556	104	300	11	1 8 0
8	Iron ...	600	3,000	3,325	123	33 4 0
1	Copper ...	8	320	275	10	2 12 0
2	Piece-goods (European) ...	9	900	1,900	70	19 0 0
6	Jute ...	1,725	7,331	5,425	200	54 4 0
5	Mats ...	700	1,283	1,725	63	17 4 0
72	Paddy ...	17,548	21,935	36,675	1,358	275 1 0
7	Rice ...	1,004	2,761	1,350	50	10 2 0
13	Wheat ...	4,750	10,687	8,100	300	60 12 0
53	Gram ...	17,666	30,915	31,150	1,153	233 10 0
26	Other cereals ...	9,928	14,892	16,425	608	123 3 0
13	Linseed ...	6,475	24,281	11,800	437	88 8 0
10	Mustard-seed ...	5,425	21,700	11,100	411	83 4 0
1	Til ...	5	17	150	5	1 2 0
4	Other oils ...	91	1,092	1,175	43	11 12 0
14	Oil-cake ...	1,765	1,765	4,500	166	45 0 0
53	Fruits ...	3,973	7,946	8,550	316	64 2 0
11	Vegetables ...	360	360	825	30	6 3 0
2	Tobacco ...	110	440	725	26	7 4 0
1	Spices ...	15	300	325	12	3 4 0
2	Turmeric ...	225	1,350	575	21	5 12 0
1	Sugar, unrefined ...	10	80	275	10	2 12 0
4	Jaggery ...	440	2,640	950	35	9 8 0
59	Salt ...	28,025	84,075	66,700	2,470	667 0 0
7	Bones ...	504	126	1,425	52	14 4 0
233	Empty boats ...	.....	.....	.....	.....	156 2 6
46	Miscellaneous ...	6,084	60,840	19,525	723	195 4 0
666	Total ...	1,10,576	3,02,979	2,40,300	8,888	2,209 14 0
360	Total of same month last year.	75,757	2,07,123	1,61,650	5,975	1,529 6 6
	MISCELLANEOUS.					
186	Passenger boats ...	.....	.....	.....	.....	73 12 0
...	Timbers, D28, G8=36	665	1,600	.....	.....	12 0 0
1	Raft of bamboos, 100 in number.	50	8	.....	.....	0 3 0
187	Total ...	715	1,608	.....	.....	85 15 0
326	Total of same month last year.	210	401	.....	.....	147 11 0
353	Grand Total ...	1,11,291	3,04,587	2,40,300	8,888	2,295 13 0
686	Grand Total of same month last year.	75,967	2,07,524	1,61,650	5,975	1,677 1 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	53 0 0
Amount of tollage for the month	2,205 13 0
Total	2,258 13 0
Amount credited in the accounts for the month	2,250 5 2
Balance at the end of the month	8 7 10

The balance shown above was the amount remaining to be paid into treasury.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthce River at Nuddea Toll Station for the month of June 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.	
		Weight of cargo.	Value of cargo.	Maunds.	Tons.		
	LOCAL TRAFFIC.	Mds.	Rs.			Rs.	A. P.
8	Rice ...	150	412	325	11	2	7 0
7	Wheat ...	2,975	5,950	5,475	195	41	1 0
11	Gram ...	4,525	6,787	8,050	287	60	6 0
22	Pulses and other crops ...	8,550	17,100	15,350	548	115	2 0
1	Jaggery ...	100	350	275	9	2	12 0
2	Sugar ...	125	1,000	300	10	3	0 0
86	Salt ...	11,350	31,212	20,700	739	207	0 0
6	Tobacco ...	425	1,700	975	34	9	12 0
6	Brass ...	825	33,000	2,250	80	22	8 0
1	Hides ...	100	1,000	225	8	2	4 0
3	Linseed ...	925	2,775	1,675	59	12	9 0
1	Ghooting lime ...	75	37	125	4	0	10 0
1	Ghooting ...	125	31	250	8	0	10 0
3	Bone ...	300	75	600	21	3	0 0
51	Miscellaneous ...	9,100	72,800	17,150	612	171	8 0
4	Coal and coke ...	775	387	1,400	50	7	0 0
5	Earthware and earthen-pots ...	375	93	925	33	1	2 6
163	Total ...	40,800	1,74,709	76,050	2,708	662	11 6
90	Total of same month last year ...	18,700	1,16,587	37,875	1,346	344	2 6
	MISCELLANEOUS.						
554	Passenger boat ...	.....	.....	.....	.....	222	8 0
171	Empty do. ...	.....	.....	1,29,750	4,633	162	3 0
725	Total ...	.....	.....	1,29,750	4,633	384	11 0
493	Total of same month last year ...	... ..	.....	49,575	1,770	189	7 6
888	Grand Total ...	40,800	1,74,709	2,05,500	7,341	1,047	6 6
583	Grand Total of same month last year ...	18,700	1,16,587	87,450	3,116	533	10 0

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month ...	.....	.....	.....
Amount of tollage for the month ...	1,047	6	6
Total ...	1,047	6	6
Amount credited in the accounts for the month ...	1,047	6	6
Balance at the end of the month ...	.....	.....	.....

N. P. — In the statement for June 1883, Empty was shown under "Local Traffic" and Rafts of timber under "Miscellaneous."

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
NUDDRA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthee River at Jungypore Toll Station for the month of June 1884.

Number. of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
1	Paddy ...	50	100	175	6	1 5 0
1	Rice ...	450	1,100	1,000	37	7 8 0
6	Wheat ...	1,691	3,228	2,825	103	21 3 0
42	Pulses and other crops	11,365	20,500	19,950	732	149 10 0
1	Fruits and vegetables	225	262	475	18	3 9 0
14	Jaggery ...	2,208	3,300	4,950	181	49 8 0
1	Sugar ...	250	2,750	650	24	6 8 0
3	Salt ...	240	720	600	22	6 0 0
5	Ghee ...	519	12,500	1,525	56	15 4 0
4	Tobacco ...	705	2,050	1,400	51	14 0 0
1	Brass ...	12	575	225	8	2 4 0
2	Linseed ...	810	3,240	1,650	61	12 6 0
34	Mustard seed ...	7,806	31,224	14,975	549	112 5 0
244	Rafts of unwrought timber and piles, 4,213½ logs.	.....	2,32,500	.....	.....	1,437 1 6
115 & 244 rafts.	Total ...	26,381	3,14,049	50,400	1,848	1,838 7 6
57 & 40 rafts	Total of same month last year.	15,899 & 574 logs.	.....	31,150	.....	427 2 0
	MISCELLANEOUS.					
175	Passenger boat ...	.....	.....	.....	.....	103 8 0
62	Empty boat ...	.....	.....	31,600	1,159	39 8 0
51	Miscellaneous (mixed cargo).	5,408	53,124	13,625	500	131 2 0
288	Total ...	5,408	53,124	45,225	1,659	274 2 0
132 & 2 rafts.	Total of same month last year.	3,329	.....	27,075	.....	129 12 6
403 & 244 rafts.	Grand Total ...	31,739	3,67,173	95,625	3,507	2,112 9 6
201 & 42 rafts.	Grand Total of same month last year.	19,228	.....	58,225	.....	556 14 6

MEMORANDUM.

Unrecovered balance on the 1st of the month	...	...	Rs. A. P.
Amount of tollage for the month	...	...	2,112 9 6
	Total	...	2,112 9 6
Amount credited in the accounts for the month	...	...	2,112 9 6
Balance at the end of the month	...	...	.....

ABSTRACT FOR THE MONTH OF JUNE 1884.

	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
NUDDEA RIVERS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Jellinghee river ...	3,009 6 6	6,500 4 3	2,426 1 6	7,804 1 0
Matabhanga river ...	2,295 13 0	5,848 3 6	1,677 1 6	4,231 9 6
Hagiruthee river at Nuddea toll-station ...	1,047 6 6	1,965 13 6	533 10 0	1,444 9 0
Ditto at Jungypore toll-station ...	2,112 9 6	2,144 9 6	556 14 6	589 14 6
Total ...	8,465 3 6	16,458 14 9	5,193 11 6	14,070 2 0

CALCUTTA, }
The 28th July 1884. }

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secretary to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1884-85.

Areas leased for Irrigation up to the end of June 1884.

[illegible]

The 2nd July 1384.

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secy. to the Govt. of Bengal.

STAPLES.	1883.		1884.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1883.	1884.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
Borax	1	16	..	45	17	45	23	..
Canes and rattans	20	20	..	10	20	10	..	16
Caoutchouc	3	3	..	1	3	1	..	2
Cinchona	2,173	301	2,180	351	2,534	3,133	599	..
Coal and coke	95	274	254	221	349	465	98	..
Cotton, raw	1,229	123	1,590	290	1,352	1,823	480	..
Do., manufactured	34	4	1	47	32	59	..	23
Chilies	22	29	7	34	51	43	..	6
Drugs and medicines	6	180	4	427	100	431	285	..
Dyeing materials	52	768	80	761	814	841	23	..
Fibrous products (gunny-bags)	12	22	3	200	34	209	175	..
Fruits and nuts .....	..	332	..	457	322	457	125	..
Ginger	830	2,469	308	4,509	3,408	4,905	1,497	..
Grain and pulse	9	..	14	28	9	42	33	..
Gums and resins .....	..	501	..	575	501	575	74	..
Hides and skins	4	4	..	13	8	13	5	..
Horns .....	..	1,481	13	140	1,484	153	..	1,331
Jute, "screwed" .....	..	8,610	..	4,474	8,619	4,474	..	4,145
Do., "unscrewed"	2	1	8	2	3	1	7	..
Lac	5	1	4	21	6	25	19	..
Leather	61	..	41	..	61	41	..	20
Liquors	1,135	15	352	29	1,150	881	769	..
Metals and manufactures of	2,080	1,016	681	570	3,705	1,257	2,448	..
Miscellaneous	183	16	423	22	193	445	247	..
Oil	4	..	2	..	4	2	..	2
Opium	83	..	32	..	83	32	..	51
Paints and colours	129	100	78	132	325	210	..	115
Provisions .....	..	..	..	..	..	..	..	..
Railway materials for construction	2,058	1,178	4,487	1,548	4,130	6,027	1,891	..
Ditto for revenue stores	3,009	..	5,637	2	3,009	5,639	1,730	..
Salt	5	..	1	..	5	1	..	4
Saltpetre .....	..	1,130	118	5,351	1,455	5,469	4,013	..
Seeds	317	13	..	36	14	20	..	22
Silk .....	..	..	15	32	40	47	..	19
Spices	37	29	22	..	27	22	..	5
Stones and marble	27	..	..	..	..	..	..	..
Sugar	90	2,02	147	2,490	2,099	2,628	554	..
Tea .....	..	370	..	523	370	523	144	..
Tobacco	25	1,041	37	1,281	1,000	1,318	262	..
Wood	132	13	81	25	145	106	..	39
Wool	5	..	1	..	5	1	..	4
Total	16,371	22,277	17,166	24,762	38,649	41,024	12,279	8,990
						38,648	8,009	
Increase						3,390	3,280	

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 19th July 1884 on 1,509½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	180,022	1,98,801 6 0	20,40,278 20	5,05,295 4 0	18,084 2 0	7,21,680 12 0	61,433	68,775½	150,213½
Or per mile of railway ...	.....	131 6 10	.....	334 11 0	11 15 8	478 1 6	.....	.....	.....
For previous 12 days of half-year ...	574,063	5,68,180 12 0	35,68,405 20	5,00,289 0 0	21,032 3 0	11,90,487 15 0	104,072	155,104½	259,776½
Total for 3 weeks ...	663,703	5,67,548 2 0	50,08,684 0	13,14,494 4 0	49,136 5 0	19,21,178 11 0	160,110	243,880	403,990
COMPARISON.									
Total for corresponding week of previous year ...	164,940½	1,90,220 12 0	21,84,653 30	6,16,750 13 3	17,533 13 2	8,24,604 6 5	62,230	193,276	188,496
Per mile of railway corresponding week of previous year ...	.....	126 0 11	.....	408 11 5	11 9 11	546 0 3	.....	.....	.....
Total to corresponding date of previous year ...	620,050½	6,15,365 11 2	75,07,015 30	21,70,498 3 11	62,346 4 11	29,35,210 4 0	187,542	467,307	654,849

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 21ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 21ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,509	8,24,604	546	1,509½	7,21,680	478	1,509	1,69,62,507	11,234	1,509½	1,36,49,747	8,976	.....	24,04,060

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 19th July 1884, on 359 miles open, including Calcutta and South-Eastern and Bengal Central Railway mileage.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
A.—Total traffic for the week ...	76,745	31,010 0 0	1,77,624 0	27,000 0 0	4,410 0 0	63,110 0 0	12,235	7,627	19,862
Or per mile of railway ...	213	86 6 1	495 0	77 2 1	.....	163 5 2	.....	.....	.....
For previous 2 weeks of half-year, i.e. 12 days ...	160,235	60,720 0 0	3,43,276 0	53,080 0 0	7,330 0 0	1,17,730 0 0	21,676	18,261	34,937
Total for 3 weeks ...	236,980	87,730 0 0	5,21,100 0	81,070 0 0	11,740 0 0	1,80,840 0 0	33,911	25,888	54,799
COMPARISON.									
B.—Total for corresponding week of previous year ...	75,323	30,074 0 0	3,04,618 0	42,745 0 0	13,412 0 0	86,220 0 0	10,029	7,095	17,124
Per mile of railway corresponding period of previous year ...	286	114 6 7	1,156 0	162 8 4	.....	276 13 11	.....	.....	.....
Total to corresponding date of previous year ...	239,444	90,163 0 0	7,37,451 0	1,25,110 0 0	25,058 0 0	2,40,331 0 0	30,190	21,051	51,240

A.—Includes receipts of Calcutta and South-Eastern Railway, and 50 per cent. of receipts of Bengal Central Railway, viz. Rs. 4,443 and Rs. 3,633 respectively apportioned over the several kinds of traffic.

B.—Includes share of Bengal Central Railway receipts due to Eastern Bengal Railway for working, viz. Rs. 1,163, and Calcutta and South-Eastern receipts, Rs. 4,475.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 21ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
203	63,220	303	350*	63,110	178	263	14,75,236	5,609	359	11,65,476	3,302	.....	2,89,760

* Increase in mileage.

Porada section ... Miles.
 Bengal Central Railway, Bongaon to Khulna... 91
 96

BENGAL CENTRAL RAILWAY.

Approximate return of traffic for week ended first 12 days of July 1884 on 126 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
A.—Total traffic for the first 12 days of July 1884	33,709	Rs. A. P. 11,833 0 0	Mds. s. 20,457 0	Rs. A. P. 1,084 0 0	Rs. A. P. 75 0 0	Rs. A. P. 13,892 0 0	5,014	2,251	7,265
Or per mile of railway	269	94 1 7	162 27	15 12 5	0 9 7	110 7 7	.....	.....	.....
For previous week of half-year	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 3 weeks, i.e. 13 days	33,709	11,833 0 0	20,457 0	1,084 0 0	75 0 0	13,892 0 0	5,014	2,251	7,265
COMPARISON.									
B.—Total for corresponding 14 days of previous year	21,741	3,065 0 0	38,863 0	341 0 0	40 0 0	4,046 0 0	1,687	729	2,416
Per mile of railway corresponding period of previous year	621	194 11 5	1,110 15	9 11 11	1 2 3	115 9 7	.....	.....	.....
Total to corresponding date of previous year	21,741	3,065 0 0	38,863 0	341 0 0	40 0 0	4,046 0 0	1,687	729	2,416

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR FIRST 14 DAYS OF JULY 1883.			RECEIPTS FOR FIRST 12 DAYS OF JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 14TH JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO FIRST 12 DAYS OF JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
35	Rs. 4,046	Rs. 116	126	Rs. 13,992	Rs. 110	35	Rs. 32,786	937	126	Rs. 1,49,243	Rs. 1,184	Rs. 1,10,457	Rs.

BENGAL CENTRAL RAILWAY.

Approximate return of Traffic for week ended 19th July 1884, on 126 Miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
A.—Total traffic for the week	17,361	Rs. A. P. 6,266 0 0	Mds. s. 13,527 0	Rs. A. P. 1,340 0 0	Rs. A. P. 60 0 0	Rs. A. P. 7,666 0 0	2,071	1,254	4,325
Or per mile of railway	138	50 0 0	106 0	10 0 0	1 0 0	61 0 0	.....	.....	.....
For previous 2 weeks of half-year, i.e. 13 days	33,709	11,833 0 0	20,457 0	1,084 0 0	75 0 0	13,892 0 0	5,014	2,251	7,265
Total for 3 weeks	51,070	18,099 0 0	33,784 0	3,324 0 0	135 0 0	21,554 0 0	7,085	3,505	11,520
COMPARISON.									
B.—Total for corresponding week of previous year	8,439	1,442 0 0	19,695 0	884 0 0	10 0 0	2,336 0 0	833	375	1,208
Per mile of railway corresponding period of previous year	241	41 3 3	263 0	25 4 1	0 4 7	66 11 0	.....	.....	.....
Total to corresponding date of previous year	30,179	5,107 0 0	59,558 0	1,223 0 0	50 0 0	6,382 0 0	2,520	1,104	3,624

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 31ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 31ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
35	Rs. 2,336	Rs. 67	130	Rs. 7,666	Rs. 61	35	Rs. 35,132	1,003	130	Rs. 1,56,907	Rs. 1,245	Rs. 1,21,787	Rs.

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 19th July 1884 on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	8,632	5,042 8 0	43,018 30	5,291 8 0	34 6 0	5,391 6 0	1,710½	1,319½	3,030
Or per mile of railway ...	151	88 8 11	752 10	57 8 9	0 9 7	145 11 3	.....	.....	.....
For previous 12 days of half-year ...	14,377	7,589 15 0	28,290 0	6,073 10 0	64 0 0	13,727 9 0	2,040	2,412	5,352
Total for 3 weeks ...	23,009	12,635 7 0	1,21,308 30	11,365 2 0	198 6 0	22,118 15 0	4,801	3,731½	8,532½
COMPARISON.									
Total for corresponding week of previous year ...	7,297	3,323 14 7	51,300 20	2,103 11 0	32 10 0	5,439 3 7	1,886	538	2,394
Per mile of railway corresponding period of previous year ...	128	58 1 0	849 0	36 12 5	0 9 2	95 7 1	.....	.....	.....
Total to corresponding date of previous year ...	24,429	10,074 10 1	93,187 20	6,565 15 0	179 12 0	17,690 5 1	5,204	1,916	7,120

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 21ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 21ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57½	5,430	95	57½	8,391	147	57½	1,37,334	2,401	57½	1,35,016	2,371	.....	1,709

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 19th July 1884, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,532	426 9 0	8,330 0	178 12 0	32 8 0	637 8 0	160	160	320
Or per mile of railway ...	.....	35 8 9	.....	14 14 4	2 10 11	53 2 0	.....	.....	.....
For previous 12 days of half-year ...	4,180	717 0 0	15,775 10	321 7 0	127 15 0	1,166 10 0	231	863	564
Total for 3 weeks ...	6,712	1,143 15 0	22,114 10	500 3 0	160 0 0	1,804 2 0	391	603	693
COMPARISON.									
Total for corresponding week of previous year ...	1,920	329 4 4	7,310 0	185 2 0	14 11 0	529 1 4	233	93	320
Per mile of railway corresponding week of previous year ...	.....	27 7 0	.....	15 6 10	1 3 7	44 1 5	.....	.....	.....
Total to corresponding date of previous year ...	6,434	1,123 4 6	29,428 20	812 8 0	94 6 0	2,030 2 6	618	309	667

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 21ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 21ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
12	529	44	12	638	53	12	17,561	1,463	12	19,737	1,645	2,176	.....

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 19th July 1884, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	3,923	Rs. A. P. 3,277 8 0	Mds. S. 52,681 10	Rs. A. P. 2,335 15 0	Rs. A. P. 95 9 0	Rs. A. P. 5,728 14 0	601½	858	1,459½
Or per mile of railway ...	.....	43 15 10	.....	31 10 0	1 4 6	76 14 4	.....	.....	.....
For previous 12 days of half-year ...	8,130	7,026 1 0	82,307 10	4,100 12 0	163 4 0	11,289 1 0	1,158	1,504	2,662
Total for 3 weeks ...	12,053	10,303 7 0	1,34,988 20	6,435 11 0	257 13 0	17,017 15 0	1,760½	2,372	4,132½
COMPARISON									
Total for corresponding week of previous year ...	4,063	3,000 1 10	8,626 10	1,263 2 0	46 8 0	4,369 11 10	658	427	1,085
Per mile of railway corresponding week of previous year ...	.....	41 1 3	.....	16 15 3	0 10 0	58 10 6	.....	.....	.....
Total for corresponding date of previous year ...	12,306	9,798 14 5	60,811 30	6,364 9 0	175 14 0	16,339 5 5	1,709	2,205	4,004

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 21ST JULY 1883.			RECEIPTS FOR WEEK ENDING 19TH JULY 1884.			TOTAL RECEIPTS FROM 1ST APRIL 1883 TO 21ST JULY 1883.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 19TH JULY 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
74½	Rs. 4,370	Rs. 59	74½	Rs. 5,720	Rs. 77	74½	Rs. 1,00,001	Rs. 1,356	74½	Rs. 1,15,354	Rs. 1,548	Rs. 14,353	.....

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1884.	Total decrease in 1884.	Percentage of increase or decrease.
			14th April 1883.	12th April 1884.	To 14th April 1883.	To 12th April 1884.			
1884.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
14th June ...	Northern Bengal ...	230	89,874 0 0	30,142 0 0	7,20,041 0 0	5,40,875 0 0	.....	1,79,166 0 0	-25
12th April ...	Tirhoot ...	103	16,670 0 0	20,822 0 0	2,30,815 0 0	3,28,991 0 0	98,176 0 0	.....	+43
7th June ...	Calcutta and South-Eastern ...	56	5,265 0 0	5,925 0 0	81,924 0 0	97,734 0 0	12,850 0 0	.....	+15
12th April ...	Nalhati ...	27½	1,531 0 0	1,387 0 0	25,576 0 0	22,428 0 0	.....	3,088 0 0	-13
	Total ...	516½	63,330 0 0	64,276 0 0	10,61,350 0 0	9,60,108 0 0	.....	71,248 0 0	-7

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Earnings for last 9 days of June 1884 ...	Rs. A. P. 17,800 0 0
Corresponding period last year ...	20,647 6 2
Decrease ...	2,807 6 2
Receipts from 1st January to 30th June 1884 ...	2,09,032 10 1
Ditto ditto to 30th June 1883 ...	1,98,756 10 7
Increase ...	10,335 16 6
Miles open for last 9 days of June 1884 ...	Miles. 50
Corresponding period last year ...	50
Receipts per mile open for last 9 days of June 1884 ...	Rs. A. P. 357 12 10
Corresponding period last year ...	413 15 2
Decrease ...	56 2 4

DARJEELING, the 18th July 1884.

W. STEVENSON, Secretary.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Earnings for first 12 days of July 1884 ...	Rs. A. P. 9,542 0 0
Corresponding period last year ...	7,656 9 6
Increase ...	1,885 6 6
Miles open for first 12 days of July 1884 ...	Miles. 50
Corresponding period last year ...	50
Receipts per mile open for first 12 days of July 1884 ...	Rs. A. P. 190 13 5
Corresponding period last year ...	154 2 1
Increase ...	37 11 4

DARJEELING, the 18th July 1884.

W. STEVENSON, Secretary.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Rs.	A.	P.
Earnings for week ending 19th July 1884	...	...	...	...	...	11,085	0	0
Corresponding week last year	...	...	...	...	...	9,889	7	6
Increase	...	...	...	...	...	1,206	8	6
Receipts from 1st July to 19th July 1884	...	...	...	...	...	20,637	0	0
From 1st July to 21st July 1883	...	...	...	...	...	17,546	1	0
Increase	...	...	...	...	...	3,090	15	0
						Miles.		
Miles open week ending 19th July 1884	...	...	...	...	...	50		
Corresponding week last year	...	...	...	...	...	50		
						Rs. A. P.		
Earnings per mile open week ending 19th July 1884	...	...	...	...	...	221	14	6
Corresponding week last year	...	...	...	...	...	190	2	8
Increase	...	...	...	...	...	31	1	9

DARJEELING, the 26th July 1884.

W. STEVENSON, Secretary.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, AUGUST 6, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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APPOINTMENT OF A COMMITTEE TO CONSIDER THE QUESTION OF LEVYING AN OCTROI IN CALCUTTA.

MUNICIPAL DEPARTMENT—MUNICIPAL.

Calcutta, the 4th August 1884.

RESOLUTION.

READ AGAIN—

Letter from the Chairman of the Corporation of the Town of Calcutta, No. 4044, dated the 31st March 1884, in which attention was invited to the various Resolutions of the Government of India and the Local Government accepting the principle that municipalities should, as far as possible, be relieved of police charges over which they could exercise no control. It was at the same time pointed out that it was scarcely practicable in Calcutta to substitute for these charges the expenditure on, and control over, the hospitals, colleges and schools which were supported by Government, and which in the mofussil had, in many cases, been made over to the municipalities. It was accordingly proposed that the municipality of Calcutta might be relieved of the police charges, and that the amount spent on this account might be devoted to the execution of a comprehensive scheme for the sanitary and structural improvement of the town, such as that referred to in the Government Resolution on the Administration Report of the Calcutta Municipality for the year 1882-83.

Letter to the Chairman of the Corporation of the Town of Calcutta, No. 421T.—M., dated the 1st May 1884, in which, after a careful review of the financial condition of the Province, and of the previous decision of the Commissioners to set aside Rs. 1,50,000 a year for five years for bustee improvement, the Lieutenant-Governor proposed to increase the Government contribution on account of the Calcutta

police from one-fourth to one-half of the total expenditure, thus relieving the rate-payers of taxation amounting to about Rs. 1,00,000 a year, on condition that the Commissioners undertook to set apart annually from their general fund a sum of not less than Rs. 2,50,000 for expenditure on sanitary works and on town improvements of a large and comprehensive character. It was at the same time pointed out that this sum could be provided without difficulty by raising the house-rate by one per cent. simultaneously with the decrease in the police rate.

Letter from the Chairman of the Corporation of the Town of Calcutta, No. 651, dated the 21st June 1884, in which exception was taken to the condition with which the offer of Government to increase its contribution on account of the police was coupled. The Commissioners demurred to the suggestion that the reduction of the police rate consequent on the transfer to Government of a part of the police charges should be made good by an equivalent increase of the house-rate. It was stated that the Commissioners were prepared to submit proposals for augmenting the revenues of the Corporation by having recourse to indirect taxation in the form of an octroi, like that levied in Bombay.

Letter to the Chairman of the Corporation of the Town of Calcutta, No. 952T.—M., dated the 28th June 1884, communicating the observations of the Lieutenant-Governor on the proposal of the Committee to introduce an octroi in Calcutta, and proposing to refer the question to a Committee containing representatives of all the classes principally interested.

Letter to the Commissioners for the Improvement of the Port of Calcutta, to the Chamber of Commerce, and the Trades' Association, Nos. 781-83 dated the 18th July 1884, inviting them each to nominate one of their members to represent their respective views on the Committee.

Letter from the Chairman of the Corporation of the Town of Calcutta, dated the 16th July 1884.

Letter from the Secretary to the Calcutta Trades' Association, dated the 23rd July 1884.

Letter from the Vice-Chairman of the Port Commissioners, No. 1695, dated the 30th July 1884.

Letter from the Secretary to the Chamber of Commerce, dated the 30th July 1884.

In the letter to the Chairman of the Corporation of the Town of Calcutta, No. 952T.—M., dated the 28th June 1884, recited in the preamble, it was observed that the question of levying town duties in Calcutta was attended with difficulties, and that the Lieutenant-Governor would be unwilling to take any steps for the establishment of an octroi, unless it were clearly shown that this could be done without causing undue harassment to the trade and commerce of the town. He was of opinion that the most satisfactory method of dealing with the proposals of the Commissioners was to refer the question to a Committee containing representatives of all the classes principally interested. He therefore asked the Port Commissioners, the Chamber of Commerce, and the Trades' Association each to nominate a member, while the Chairman of the Corporation (who would be the President of the Committee) and two other members of the Corporation would be taken as the exponents of the views of the general public. It was also proposed to nominate one gentleman as Member and Secretary to the Committee to represent the interests of Government. The replies from the Corporation, the Port Commissioners, the Chamber of Commerce, and the Trades Association have all been received, and in accordance with their recommendations the Lieutenant-Governor is pleased to appoint a Committee composed of the following gentlemen :—

Mr. William Craik.
Baboo Jadu Lal Mullick.

Baboo Kally Nath Mitter.
Mr. G. H. Morrison.

Mr. A. H. Wallis.

Mr. H. L. Harrison, Chairman of the Corporation of the Town of Calcutta, will be the President; and Mr. C. E. Buckland will be a Member and Secretary to the Committee.

ORDER.—Ordered that a copy of the Resolution be forwarded to the Chairman of the Corporation; to the Vice-Chairman of the Port Commissioners; to the Secretary to the Chamber of Commerce; to the Secretary to the Trades' Association, and to Mr. C. E. Buckland for information.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Secretary to the Government of Bengal.

RESOLUTION ON THE REPORT ON THE CALCUTTA MEDICAL INSTITUTIONS FOR 1883.

MUNICIPAL DEPARTMENT—MEDICAL.

Calcutta, the 4th August 1884.

RESOLUTION.

READ—

The Report on the Calcutta Medical Institutions for 1883.

Read also—

The Report for 1882 and the Resolution recorded upon it.

Judged by the death-returns, the public health of the town underwent some improvement compared with 1882. Mortality from cholera was again far above the average, although the number of deaths was not quite so great as in 1882. The following statement shows the mortality from the most important diseases in each year since 1873:—

YEAR.	Cholera.	Diarrhoea and dysentery.	Fever.	Small-pox.	Other causes.	Total.	Ratio per mille of population.
1873	1,105	1,351	4,632	33	8,255	15,356	23.4
1874	1,245	1,354	4,401	121	4,843	11,924	20.6
1875	1,074	1,579	5,128	720	4,745	14,066	22.5
1876	1,451	1,454	4,301	71	4,817	12,094	20.9
1877	1,414	1,043	5,151	67	5,395	13,704	21.8
1878	1,318	2,010	6,040	1,405	5,407	16,280	27.8
1879	1,186	1,518	4,506	773	4,774	13,044	20.1
1880	805	1,307	3,707	114	5,098	11,031	20.9
1881	1,603	1,491	3,745	135	5,048	13,030	20
1882	2,240	1,454	3,018	17	5,448	13,177	20.4
Mean number	1,455.6	1,557.3	4,500.5	554.2	5,050	12,966.5	20.06
1883	2,037	1,307	3,442	73	5,405	12,325	20.4

The general death-rate of the town was 28.4 per mille against 30.4 in the preceding year. The number of deaths from cholera was 2,037 against 2,240 in 1882, and 1,368 the average of the nine years ending with 1881. On the other hand, there was a considerable increase in the number of deaths from small-pox, the deaths having risen from 17 in 1882 to 73 in 1883. There was a falling off in the number of deaths from dysentery and diarrhoea. The mortality from fever was lower than in any year of the series; but, for reasons stated in previous Reports, any inference drawn from the statistics furnished of this disease would be misleading. The following table shows the number of patients treated during the year for the principal diseases in the different hospitals in Calcutta, together with the number of deaths from each:—

MEDICAL INSTITUTIONS.	Cholera.		Diarrhoea and Dysentery.		Fever.		Small-pox.		Other causes.		Total.	
	Cases.	Died.	Cases.	Died.	Cases.	Died.	Cases.	Died.	Cases.	Died.	Cases.	Died.
Medical College Hospital	194	65	240	55	557	61	2	.....	4,053	855	5,052	504
Presidency General Hospital	77	41	389	11	611	17	2	.....	2,000	80	3,191	149
Mayo Hospital	204	144	175	24	349	38	1	.....	1,303	104	2,222	304
Campbell ditto	184	127	940	509	1,226	163	103	35	3,042	453	5,429	1,257
Police ditto	18	9	390	5	1,478	13	3	.....	879	3	2,377	28
Kowrah ditto	161	92	330	132	340	31	.....	.....	500	72	1,431	227
Total	932	510	2,428	784	4,161	323	111	85	12,290	1,117	19,375	2,719

The total number of cholera cases treated was 932 against 859 in the preceding year, thus showing an increase of 73 cases. Of these, 510 cases proved fatal. The death-rate per mille was 547 against 544 in 1882. The number of persons treated for fever was 4,161 against 4,156, of whom 323 died against 366 in 1882. There was thus a slight falling off both in the number of cases treated and in the number of deaths.

2. The following table shows the number of patients treated in each of the hospitals during the year:—

MEDICAL INSTITUTIONS.	1883.				1882.			
	TOTAL TREATED.			Died per mille of treated.	TOTAL TREATED.			Died per mille of treated.
	In-door.	Out-door.	Total.		In-door.	Out-door.	Total.	
Medical College Hospital	5,541	51,022	56,563	112.08	5,448	49,329	54,777	123.8
General Hospital	3,121	...	3,121	47.7	3,206	...	3,206	44.91
Mayo Hospital and Dispensary	2,212	176,619	178,831	161.5	2,125	182,163	184,288	171.66
Campbell Hospital	5,499	...	5,499	236.04	5,669	...	5,669	247.43
Police Hospital	2,377	...	2,377	11.7	2,438	...	2,438	13.53
Total Calcutta Hospitals	16,750	227,641	244,391	131.13	18,975	221,491	240,466	138.89
Howrah General Hospital	1,031	11,690	12,721	290.4	1,604	11,012	12,616	199.6
GRAND TOTAL	20,381	239,337	259,718	136.63	20,579	232,504	253,083	143.73

There was an increase in the number of in-patients treated in the Medical College, the Mayo, and the Howrah Hospitals, while the other three hospitals show a decrease. The decrease is especially noticeable at the Campbell Hospital, where 5,499 in-patients were treated against 5,669 in 1882 and 6,074 in 1881. No explanation has been given of this falling off, which, though small in itself, is remarkable as having now continued for three years in succession without apparent cause. The total number of in-patients treated in all the hospitals shows a decrease of 198 patients.

3. There was some increase in the number of out-door patients, the total number being 239,337 against 232,504 in the previous year. This is attributed to the fact that cases of lighter illness were more common during the year. The increase is confined to the Medical College and the Howrah Hospitals. There was, on the other hand, a large falling off at the Mayo Hospital and dispensaries, where 176,619 out-patients were treated during the year against 182,163 in the preceding year. This decrease is attributed to the working of the Marwari dispensary at Burabazar. There was also a decrease of 5,266 patients at the Chandni Dispensary, of which no explanation has been offered. Of the 51,022 out-patients treated at the Medical College Hospital, 17,233 were treated in the Medical dispensary, 11,319 in the Surgical Department, 6,910 in the Ophthalmic Ward, 1,776 in the Dental Department, and 13,784 persons, who came after dispensary hours, were treated in the duty room.

4. The following table shows the daily average number of patients under treatment in 1883:—

	1883.		1882.	
	In-door.	Out-door.	In-door.	Out-door.
Medical College	282.8	296.4	280.95	292.55
General Hospital	151.0	...	148.6	...
Mayo Hospital	82.7	1,214.7	92	1,232.39
Campbell Hospital	350.6	...	339.1	...
Police Hospital	83.3	...	87.02	...
Howrah General Hospital	67.7	96.2	60.14	102.8

There was very little fluctuation in the average daily attendance of out-door patients in the three hospitals—the Medical College, the Mayo, and the Howrah hospitals—where such patients are treated. The change as regards in-patients was also comparatively trifling.

5. The following statement shows the mortality in each of the Calcutta hospitals during the last eight years:—

YEARS.	ALL DISEASES, EXCEPT CASES TREATED IN EYE INFIRMARY.			CHOLERA.			Death-rate excluding cholera.	Number of deaths registered by the Municipality.	Rate per mille of population.
	Treated.	Died.	Died per mille.	Treated.	Died.	Died per mille.			
1876	21,097	3,064	145	695	369	530	123	12,264	20.1
1877	23,977	3,173	133	545	284	521	123	17,704	31.9
1878	27,908	4,514	161	579	323	557	123	16,306	28.1
1879	22,197	3,602	162	634	351	553	150	13,944	30.3
1880	21,038	2,000	138	336	163	483	121	11,641	27.1
1881	20,156	2,876	143	539	304	566	131	13,499	30.0
1882	20,078	2,886	143	539	268	544	125	13,177	30.6
1883	19,872	2,719	136	952	510	547	110	12,325	28.4

The death-rate from cholera was virtually the same as in the previous year, the numbers, both of cases and of deaths, rising in equal proportions. The general death-rate, excluding cholera, was the lowest of all the years in the series. The proportion of deaths per mille of total population was 28.4 against 30.4 in the previous year.

The following table exhibits the true death-rate among natives, excluding the mortality from cholera and moribund cases:—

	Campbell Hospital.	Medical College Hospital.	Howrah General Hospital.	Mayo Hospital.	Police Hospital.	Total.
True native deaths, excluding cholera	1,159	240	224	216	19	1,854
Moribund persons	102	91	33	63	1	290
Difference	957	255	191	173	18	1,604
True death-rate per mille, excluding cholera and moribund cases	191.00	111.7	252.6	93.27	7.6	130.06

6. With regard to the features of particular diseases, the Surgeon-General makes the following remarks:—

"The quantity of fever in 1883 varied little from that of the previous year, but it was less fatal in the proportion of 77 to 90 per thousand. There was some increase of cholera with an ordinary degree of fatality.

"In the small-pox hospital 103 persons were treated in 1883. Of these, 22 had been vaccinated, of whom 3 died; 18 had been inoculated and 5 died; 4 had had small-pox previously and 1 died; 59 were unprotected and 26 died. Assuming the death-rate elsewhere to have been the same as in the hospitals, the number recorded in the first table will represent about 214 cases of disease, showing that nearly one-half were received into hospital. This proportion is an improvement on previous numbers, and is explained by the activity of the police mentioned by the Health Officer in his reports. But the return of small-pox in 1883 is less satisfactory in the quantity it shows. Heretofore the town has enjoyed three or four years of comparative exemption between severe outbreaks, not between culminating points, but between the cessation of high numbers after one epidemic and the return of them on the approach of another. One doubtful exception occurred in 1876-77. There was before 1883 but one year of exemption, viz. 1882, and as the figures of 1883 have already been exceeded by those of 1884, there is reason to fear that the power conferred by the law which made vaccination compulsory in 1880 has not been employed to advantage. The records of the Health Office do not show any improvement in the quantity of work, and the protective value of it is open to serious suspicion on the data supplied by the Campbell Hospital."

The facts reported by the Surgeon-General are unsatisfactory, and point to defects in the working of the Vaccination Act. The question has been considered separately in connection with a representation made to Government since the close of the year, by some influential residents of Calcutta, complaining of the inconvenience and risk to which the public are exposed for want of proper accommodation in any of the hospitals at Calcutta for European patients suffering from small-pox. Articles on the subject also appeared in some of the leading newspapers. As it appeared on enquiry that there were some grounds for complaint, the Surgeon-General was requested to take early steps to convert the Shumbunath barrack, in the compound of the General Hospital, into a ward for paying patients suffering from small-pox, and to make such improvements and alterations as would make the small-pox ward of the Sealdah Hospital as to make it suitable for the reception of the poorer classes. This has been done. The Surgeon-General was also requested to submit a report on the subject to the Government. The Surgeon-General has submitted a report on the subject to the Government, on the basis of the Eden St. Hospital, and of patients suffering from infectious diseases. Dr. Payne has expressed the opinion that the death-rate from infectious diseases is not such as to justify the expenditure which would be very costly, and is not supported. The Lieutenant-Governor has requested further action in this direction for the year 1884.

6. The results of the surgical operations were not so satisfactory as those made in the two wards of the ho-

against 279 operations with 29 deaths in 1882. The Lieutenant-Governor entirely concurs in the remarks of the Surgeon-General regarding the practice of antiseptic treatment in this Hospital. In the Campbell Hospital, where a moderate use of antiseptics was made, the mortality after operations was very low.

7. The following statement shows the number of cases of enteric and remittent fever treated in each of the hospitals during the year:—

	ENTERIC FEVER.												REMITTENT FEVER.											
	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.
Medical College Hospital	3	0	0	0	0	0	1	...	2	...	...	...	42	40	89	8	125	86	124	157	164	180	195	119
Presidency General Hospital	15	17	6	11	12	17	18	...	11	...	...	...	45	19	23	10	49	27	39	38	34	40	40	45
Howrah Hospital	...	...	...	...	...	...	...	...	...	...	...	...	16	28	24	145	172	210	339	293	278	107	77	30
Mayo do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Campbell do.	91	96	28	2	...	...	...	...	...	...	...	...	19	239	212	400	464	439	432	41	33	254	309	322
Police do.	6	12	8	11	...	14	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	116	126	53	30	22	43	39	13	18	8	15	15	1	290	381	621	731	817	800	1,124	1,244	914	930	780

There was only one case of enteric fever, which occurred in the Presidency General Hospital. There is a want of precision in the nomenclature of this class of disease employed by different officers. The same term of typhoid fever is given by some practitioners to diseases in which officers of Indian experience recognize only the more severe and continued forms of miasmatic disease which are not traceable to the causes assigned to enteric fever. There was a large increase of remittent fever in all the hospitals, excepting the Medical College and Howrah hospitals. The increase was large at the Mayo Hospital, where 212 cases were treated during the year against 143 in 1882.

8. In the Eden Hospital, where the admissions were more closely restricted this year to obstetric cases, the number of patients treated was 1,300 against 1,323 in the previous year. Of these, 875 were Europeans and 425 natives. There were 34 deaths against 75 in the preceding year. The system of obtaining permanent nurses from the Hospital Nurses' Institution, and placing them under the immediate supervision and control of the resident Sister of the hospital, has proved successful. Native dhaies have had to be employed in the native wards, owing to the uncertainty which existed whether the Hospital Nurses' Institution would be able to meet further demands. It is disappointing to find that the scheme for training women as civil and military nurses has not proved a success. Some of the pupils of the latter class have, it is stated, been found unfit for the work.

10. In the ophthalmic wards 509 cases were treated, of which 470 were fresh cases and 39 remained from last year. Of the 509 cases treated, 243 were cured and 142 relieved, 93 otherwise discharged, and 31 remained under treatment at the close of the year: 359 operations were performed during the year against 275 in 1882.

10. The number of in-door patients treated in the Medical College Hospital, exclusive of ophthalmic cases, was 5,032 against 4,947 in the previous year. There were 464 deaths, giving a death-rate of 112 per 1,000 against 123 in the preceding year. This mortality was the lowest on record since 1876. Of the 5,032 patients, 2,490 were Christians and 2,533 natives. The death-rate among the Christians in 1882. The ratio of deaths from fever was 34 per 1,000, from chest affections 250. The cases has been sanctioned, but has not been set apart for cholera other minor improvements have

number of patients treated in the year being 3,121 against 3,295 in 1881. 71 paying and 928 non-paying patients were treated, and a considerable number of deaths were 149 deaths against 142

in 1882. Of these, 41 were from cholera, 11 from diarrhoea and dysentery, 17 from fever, and 80 from other diseases. The death-rate per 1,000 was 47 against 44 in the previous year.

12. Quadrennial repairs were executed to the central buildings, and portions of the eastern buildings were converted into private rooms. The Lieutenant-Governor learns with satisfaction that the scheme for the supply of filtered water to the hospital has been completed. There was no complaint regarding the dieting of patients; but the expenditure under this head has been greatly increased by keeping a number of cows in the compound of the hospital for the supply of milk and butter. This step was adopted as a precaution against cholera in the hospital.

13. The number of admissions into the Campbell Hospital was 5,132 against 5,290 in the preceding year. There were 188 cases of cholera, 103 of small-pox, 940 of dysentery and diarrhoea, and 1,226 of fever. The total number of deaths was 1,287 as compared with 1,405 in 1882. The percentage of deaths on the number of patients treated was 23.4. The true death-rate of the hospital per mille, excluding cholera and moribund cases, was 191 against 204 in the previous year: 143 major operations and 300 cases of minor operations were performed. The death-rate, after major operations, was 5.9 per cent, and after minor operations 32 per cent. A masonry cook-house is stated to be urgently necessary for the small-pox ward. Special wards for the accommodation of surgical and obstetric cases, and some separate rooms to segregate exceptional cases, are also necessary. A separate report, with plans and estimates of the works, should be submitted for the consideration of Government.

14. The number of admissions into the Police Hospital was 2,231 against 2,394 in 1882, thus showing a decrease of 163 cases. This indicates that the general health of the force was good. The proportion of admissions per 1,000 of the total strength was 796 against 853 in 1882, and the daily average number of sick was 85. The total number of deaths was 28 against 33 in the preceding year, the percentage of deaths to admissions being 1.2. The ratio of deaths to total strength was .99 per cent as compared with 1.1 in the preceding year. The decrease is attributed to the absence of deaths from respiratory affections, and to the diminution in the number of fatal cases of dysentery.

15. In the Mayo Hospital 1,841 in-patients were treated against 1,885 in the previous year, showing a decrease of 44 cases, the daily average number of admissions being 83. The total number of deaths was 348 against 349 in the previous year, and the total death-rate was 18.9 per cent. The number of persons treated for cholera was 286, of whom 148 died. The death-rate per mille, excluding cholera and moribund cases, was 82.6, showing a decrease of 31.2 deaths as compared with the death-rate of the previous year.

16. In the Chandni Hospital 371 in-patients were treated against 240 in 1882, the daily average number being 9. The ratio of mortality on the total number of patients treated was 43 per 1,000. The number of out-patients treated was 65,259 against 70,525 in 1882, showing a decrease of 5,266 cases. No reason has been assigned for this falling off. Adverting to the remarks made in the Resolution recorded on the Report for 1882 in regard to the accuracy of the statistics recorded in this hospital, Dr. Payne writes:—"Comparison of records for the last five years shows that the out-patients were returned in steadily growing numbers at the Chandni Dispensary from 1879 to 1882. The growth was suddenly checked and a great fall took place in 1883. Nothing resembling this has occurred at either of the other dispensaries, or at the Medical College."

17. The total number of patients treated at the Howrah General Hospital was 13,327 against 12,616 in 1882. The number of in-door patients was 1,631 and that of out-door patients 11,696. Of the out-door patients, 4,371 were Europeans and 7,325 natives as compared with 3,301 and 7,711 in the previous year. Of the in-door patients, 696 were Europeans and 935 natives, against 669 and 935 respectively in 1882. There was no fluctuation in the number of in-patients admitted into the native side of the hospital, but the number of out-door patients fell. On the European side, however, there was an increase in the number of both in-door and out-door patients, which is

explained by Dr. Pilcher as follows :—"The figures representing out-patients on the European side are somewhat increased because a considerable number of out-patients come for advice and are not only able to purchase their medicines, but prefer to do so, and these patients escape entry in the out-patients' register. On the native side there will be little difference from year to year in the number of in-patients, for there is little accommodation. In the native out-patient department there will be fluctuation, due to the varying healthiness of each year." The Lieutenant-Governor trusts that proper steps have been taken to keep an accurate record of the out-door patients on the European side.

18. The invested capital of the Calcutta hospitals rose from Rs. 5,43,700 to Rs. 5,47,700. The whole of this increase (Rs. 4,000) appertains to the Howrah General Hospital. The total expenditure, excluding the amount invested, was Rs. 4,04,684 as compared with Rs. 3,69,304. The net cost to Government amounted to Rs. 2,62,318 against Rs. 2,32,224 in 1882, showing an increase of Rs. 30,094, which is attributed mainly to the large expenditure on establishment and repairs to buildings. The expenditure was large at the Medical College and the Presidency General Hospitals, while at the Police Hospital it was trifling.

19. The total income of the Medical College Hospital amounted to Rs. 15,178 against Rs. 11,997 in 1882. Of this amount, Rs. 11,939 represents receipts from paying patients, Port dues, &c., and Rs. 3,239 interest on investments. There was an increase of Rs. 3,765 in the receipts from paying patients. The net cost to Government, deducting the amount remitted to the treasury, was Rs. 93,856 against Rs. 80,170 in 1882. The total expenditure amounted to Rs. 1,07,232 as compared with Rs. 89,632 in the preceding year. There was an increase in the expenditure on establishment.

20. The total receipts of the Presidency General Hospital were Rs. 44,533 against Rs. 41,661 in 1882. The amount received from paying patients was Rs. 13,696 against Rs. 13,089 in the past year. There was an increase of Rs. 2,326 in the receipts from the Port Fund. The total expenditure of the hospital was Rs. 1,23,126 against Rs. 1,00,900 in 1882, and the net cost to Government, including the salaries of the covenanted medical officers, was Rs. 78,744. The expenditure on buildings amounted to Rs. 30,243. Deducting this last item, the total expenditure on the sick amounts to Rs. 92,882, showing an increase of Rs. 2,104 over that of the past year. There was a decrease of Rs. 864 in the cost of bazar medicines, and an increase of Rs. 630 in that of imported medicines and instruments.

21. At the Campbell Hospital the total receipts from all sources aggregated Rs. 31,430 against Rs. 31,443 in 1882. Rupees 30,000 was paid by the Municipality, Rs. 44,437 by Government, and Rs. 1,430 was obtained from the Port Fund, by the sale of medicines, &c. The total expenditure was Rs. 75,868 against Rs. 78,498 in the preceding year. Of this, Rs. 25,574 was expended on buildings, and Rs. 50,293 on the ordinary requirements of the hospital. There was an increase of Rs. 255 in the cost of establishment, and a decrease of Rs. 1,166 in the cost of diet, stimulants, &c.

22. The gross expenditure of the Police Hospital amounted to Rs. 16,685 against Rs. 16,124 in 1882. Five-sixths of this amount were paid by the Calcutta and the Suburban Municipality and one-sixth by Government. The daily cost per head was two annas and two pie against two annas and one pie in 1882. There was an increase of Rs. 424, due to the large amount expended on clothing. Excluding extraordinary charges, the net expenditure of the hospital shows an increase of Rs. 245.

23. The total income of the Mayo Hospital from local sources amounted to Rs. 22,832, of which Rs. 16,758 was interest on investments. Rupees 5,957 was subscriptions, and Rs. 117 receipts from other sources. The total expenditure of the hospital and its associated dispensaries was Rs. 55,124 against Rs. 58,281 in 1882: 68 per cent. of this was paid by Government and the balance from private funds of the institution. The cost of establishment increased by Rs. 367, and that of diet by Rs. 379. The average cost of each diet was two annas nine pie against three annas two pie in 1882. There was thus a small reduction in the cost of dieting.

24. The invested funds of the Howrah General Hospital rose by Rs. 4,000, and the total amount invested in Government securities was Rs. 42,000. The

receipts from private sources amounted to Rs. 22,674, of which Rs. 6,679 was paid by the Port Trust for the diet of sick seamen, Rs. 2,200 by the Municipality, Rs. 1,598 was interest on investments, Rs. 12,186 was contributed by the East Indian Railway Company, British India Steam Navigation Company, and merchants, and Rs. 5,163 contributed by Government for European medicines, &c. Native subscriptions amounted to Rs. 10 only. The total expenditure amounted to Rs. 24,639 against Rs. 23,634 in 1882, showing an increase of Rs. 1,005. Rupees 706 were expended on buildings. The actual amount expended on the sick was Rs. 23,933 as compared with Rs. 22,723 in 1882. The cost of establishment exceeded that of 1882 by Rs. 339. There was also an increase of Rs. 212 in the cost of bazar medicines and a decrease of Rs. 124 in the cost of diet. The average cost of each diet was 9 annas among Europeans and 2 annas 1 pie among natives, as compared with 9 annas and 1 anna 10 pie in the preceding year.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Secretary to the Government of Bengal.

**RESOLUTION ON THE GENERAL ADMINISTRATION REPORT OF
THE BHAGULPORE DIVISION FOR THE YEAR 1883-84.**

GENERAL DEPARTMENT—MISCELLANEOUS.

Calcutta, the 5th August 1884.

RESOLUTION.

READ—

The General Report of the Commissioner of the Bhagulpore Division and Sonthal Pergunnahs for the year 1883-84.

This report has been punctually submitted by Mr. Barlow, who was in charge of the Division during the year. There were changes among the district officers in all districts of the Division, except Maldah, which remained throughout in charge of Mr. Porch.

2. *Tours.*—The Commissioner spent 127 days on tour, visiting the headquarters of each district and every sub-division, except two in Purneah. He made the usual inspections of the various offices, and devoted much attention to the condition of the crops and the prospects of the season. All the district and sub-divisional officers spent a sufficient time in the interior of their districts, but more might have been done by the Joint-Magistrates. Inspection work is stated to have been thoroughly done, and local enquiries attended to; and in this respect Mr. Jones of the Sonthal Pergunnahs is specially commended for the useful work done by him while on tour in improving the water-supply on wards' estates, laying out village roads and plantations, and improving markets.

3. *Weather and Crops.*—In every district of the Division the recorded rainfall was below the average, and the evil effects of the deficiency were aggravated by the uneven distribution of the rainfall. No rain fell from the middle of September to the end of March. In consequence the winter rice crop suffered severely, and there was also considerable loss on the rubbee crop, except in places subject to inundation. Heavy dews in December, January, and February are said, however, to have improved the outturn of the latter crop. Throughout the Division the autumn or Bhadoi crops were fair, except in Monghyr, where the outturn is said to have been about half the average. The winter rice crop seems to have been worst in Maldah, while Bhagulpore gave the poorest rubbee. On the whole, the pressure upon the people seems to have been greatest in parts of Monghyr, Bhagulpore, and Maldah, and least in Purneah and the Sonthal Pergunnahs. The system of irrigation from highlying reservoirs, which prevails in the latter district, is said to have helped the people greatly by storing the rain that fell up to the middle of September, and rendering it available for use at the end of the year. The measure of Government assistance which the circumstances of the different localities called for fall within the history of the current year.

4. *Public Health.*—The Commissioner states that the mortality of the past year was less than that of the previous year everywhere, except in the Sonthal Pergunnahs, and this is no doubt true of mortality from cholera. There was, however, a good deal of fever, although in Maldah and the lowlands of Rajmehal and Pakour the scanty rainfall and the absence of Ganges floods seem to have resulted in an unusual immunity from that disease, thus, according to the Commissioner, refuting the local saying, that an inundation year is a healthy one. Taking the Division as a whole, its sanitary conditions may perhaps be summed up by saying that Purneah, north Bhagulpore, and the lower portions of Monghyr were unhealthy; that the fever mortality of Maldah and the eastern tracts of the Sonthal Pergunnahs depends upon the movements of the Ganges; and that the western part of the Sonthal Pergunnahs is beginning to suffer from a wave of the malarious fever which has proved so destructive in Burdwan and Beerbhoom. But experience has shown that all theories which attempt to explain or localize this fever are delusive. The ravages are

no longer confined to alluvial districts, but have extended to the laterite formations of Midnapore and Bankoora, and are even beginning to threaten the peculiarly dry and healthy district of Manbhoom.

5. *Material condition of the people.*—This section of the report consists chiefly of general remarks, and is wanting in those instances of actual fact which usually come to notice in a year when a partial failure of crop has specially directed the attention of local officers to the condition of the people. On the whole, the tendency of the general body of cultivators appears to have been to exaggerate the danger, and to appeal to the precedent of 1874, with the object of inducing Government to give assistance as in that year. It must, however, be admitted that, all exaggerations being allowed for, the partial failure in the harvests did cause very general pressure and did bring into very clear relief the unsatisfactory condition of large classes of the agricultural population in this division. It has shown that in districts where the pressure of population on the soil is not excessive, there is under existing conditions of land tenure and agriculture such a small margin of subsistence left to the cultivators of the soil, that a slight vicissitude of season suffices to reduce them to the verge of distress. This lamentable state of things was indeed known before, for it has been a commonplace of Behar administration for years, and was prominently noticed by the Famine Commission. The opponents of the Tenancy Bill deny the existence of this state of things, but the recent condition of the Division has shown only too vividly the uncertain condition of the people. The landless labouring classes, whose remuneration ordinarily consists of a share of the harvest which they reap, were of course worse off than usual, but employment was open to them on the railway works in Durbhunga, on the west of the Ganges, and in Purneah on the east, and consequently nothing approaching actual starvation was to be apprehended.

6. *Emigration and Immigration.*—The early stoppage of the rains, coinciding as it did with the commencement of the recruiting season, gave a remarkable stimulus to emigration in the districts of Monghyr and the Sonthal Pergunnahs. In the former district the number of registered emigrants rose from 953 to 2,083, and in the latter from 2,289 to 3,907. In Bhagulpore the number was virtually stationary, while from Maldah and Purneah there was no emigration at all. Besides these registered emigrants, it is stated that a large number of persons left the Division under the system of free emigration, and a passage is quoted from the report of the Magistrate of Monghyr, in which Mr. Kean condemns the system as a retrograde step, leading to abuses. The whole question of free emigration has been recently considered by the Lieutenant-Governor, who has expressed his views on the subject at length in the Resolution on the Report on Inland Emigration for 1883, and in a letter to the Government of India, a copy of which will be sent to the Commissioner of Bhagulpore for communication to the officers of his Division.

7. *Prices of food and labour.*—Under this head the information furnished in the report is neither complete nor precise. A comparison between the prices ruling during the past year with those of previous years would have been valuable, and an attempt should have been made to define the effect upon different parts of the Division of the high price of rice,—the chief article of food. In Maldah the price of wheat is said to have been low owing to the abundance of the crop and slackness of export. Wages are said to have remained unchanged.

8. *Manufactures and Mines.*—The statistics of the outturn of indigo given by the Commissioner show a considerable decline in this manufacture in Purneah and Maldah, and a slight increase in Bhagulpore and the Sonthal Pergunnahs. In Monghyr the condition of the industry remained stationary.

The silk manufacture is decaying both in Bhagulpore and Maldah, and the tusser of the former district is said now to be inferior to that produced in Midnapore and Bankoora. Sugar, on the other hand, seems to be flourishing. Messrs. Thomson and Mylne's cane-presses are in great demand, and the export of molasses is believed to be increasing. Of the special products of the Division, only the brass and metal ware of Nawabgunge and English Bazar in Maldah appears permanently to hold their ground, though it is stated that a fresh demand has arisen for the muzzle-loading guns made at Monghyr. A lac factory has been opened at Jessidih (Baidya-

nath) in the Sonthal Pergunnahs, with fair prospects of success. Stone-quarrying is carried on profitably in Rajmehal, and a new company—the Deoghur Mining Association—is said to have commenced work, but with no results at present.

9. *Trade and Commerce.*—Special measures were taken during the year to ascertain the trade of the districts of Monghyr, Bhagulpore, Purneah, and Maldah, and detailed statistics of these districts, with the exception of Maldah, are given in the report. The precise mode in which these figures were obtained is not stated, and little would be gained by examining them in detail. Everywhere the exports of food-grains fell off, and the comparative poverty of the people during the year led also to a reduction in the demand for European piece-goods. The Purneah returns show a remarkable decline in the exports of jute and gunny cloth, which denotes a larger trade in these articles than is generally believed to exist in Purneah. The statistics of the trade with Nepal will be dealt with by the Financial Department in the Annual Report on the Internal Trade of Bengal. The question of the duties levied on this trade was enquired into by the Collector of Bhagulpore, who claims to have ascertained that no export duty, properly so called, is levied on rice or other food-grains by the Nepal authorities. According to Mr. D'Oyly, what has been hitherto supposed to be an export duty is nothing more than the *koyali* or weightment fee paid by all purchasers to the persons who bring grain for sale. It is true that the Nepal Government levy a tax under the name of *koyali* from the cultivators, but this is done irrespectively of the destination of the grain. Purchasers for local consumption therefore pay *koyali* just as much as purchasers for export, and the tax has no differential effect upon export trade. According to Mr. D'Oyly, all that the Nepal Government does in the matter is to exact a share in a customary impost upon purchasers, which would be levied whether the State claimed any share in it or not.

10. *State of public feeling.*—The interest taken last year in the amendment of the Criminal Procedure Code is said to have subsided with the passing of the modified Act, leaving behind some traces of ill-feeling between the educated natives and Europeans and Eurasians. The Local Self-Government scheme has dropped wholly out of sight. The Rent Bill, which deals with a subject on which the general body of the people is in a position to know something, has excited much discussion among zemindars; while among the ryots it has given rise to the hope that rents may fall to the level of 20 years ago. There is, however, in the Division no combination among ryots against high rents, though complaints against individual zemindars have been made. The public press is in this Division not a powerful medium of disseminating news. *The Bhagulpore News* is still in existence, and a second fortnightly vernacular, called the *Hindi Samachar*, has been started. Neither has a large circulation or much influence. In connection with agricultural improvements, the Commissioner makes the following remarks:—

“An attempt was made in the district of Purneah, by holding an agricultural exhibition at Kissengunge for the second time, to introduce some improvement in the mode of tillage, to encourage the breeding of a good class of cattle, and to improve the native method of pressing sugarcane. For this purpose prizes were awarded for the best cattle exhibited of several different kinds, for the best kind of ploughs, the best ploughing, and the best produce of several kinds; and two kinds of patent sugarcane-pressors were brought and exhibited, as also some implements from the Cawnpore Government Farm and that at Sydapet in Madras, and a Cawnpore bucket pump, and Swedish and American ploughs. A sugar boiling and refining apparatus also was bought and brought from Cawnpore. The Collector of Shahabad was asked to procure some good specimens of sugarcane for introduction into this district, but was unable to do so. A large number of articles, field and garden implements, and carpenters' tools, &c., were procured from Messrs. T. E. Thompson and Co., and were eagerly purchased. Sickles of English make, far superior to those of native manufacture, which are of soft iron, were in favour. The Kishengunge sub-division is celebrated for its cattle, and supplies eastern districts as far as Dacca: and a very large number were brought for sale. There were trials of different ploughs made, and it is reported that the Richmond (U. S. A.) D. E. plough held the first place. The Government farm at Cawnpore had adopted it. Mr. Walker of Bhomra Factory uses a large number of these ploughs, and finds them very useful.”

11. *Police and Crime.*—The number of cognizable cases enquired into during 1883 was 11,579 as against 11,574 in the preceding year. Deducting 80 cases not enquired into, convictions were obtained in 4,556 cases, or 41·5 per cent.,

as compared with 39·5 per cent. in 1882. Offences against the person are shown to have fallen from 987 to 560, but this is due to 467 cases of hurt, under section 323 of the Penal Code, being shown for the first time under the head of non-cognizable crime. Offences against the public tranquillity rose from 164 to 195; but the causes of the increase have not been explained, and no comment on the figures is offered by the Commissioner. The conduct of the police is reported to have been fairly good on the whole, but their working and detective ability are said to be below the average. In particular the Purneah Police are reported inferior as a body to other district police. The reasons for this, however, are not given, though the statement, if correct, is one calling for serious consideration. It may be gathered from other portions of the Report that the unhealthiness of the climate of Purneah puts a severe strain upon the executive staff of the district.

12. *Civil Justice*.—The number of civil suits instituted during the year was 40,992 against 41,971 in 1882. The increase in rent-suits in Maldah from 1,149 to 2,166, which was noticed in last year's Resolution, has been followed by a corresponding decrease, the figures for 1883 being 1,344, which may be taken as representing the normal rent litigation of that district. With regard to civil cases generally, the Commissioner observes that unredeemed credit was the chief cause of action, and remarks:—

"The relation between creditors and debtors cannot be said to be satisfactory. Bonds are executed at usurious rates of interest. The ordinary prevailing rate for small debts is 4½ or 6 pies per rupee per month, which means about 25 per cent. per annum. Compound interest is also levied. As a necessary consequence of the above state of affairs, the landholders are impoverished to the extreme degree, and the mahajans flourishing. I can hardly name a couple of men from among the landed aristocracy who are entirely free from debts."

As a statement of fact, it is probably correct to say that the landholders are impoverished and the mahajans flourishing; but to represent this as a necessary consequence of the high rate of interest ruling in the Bhagulpore Division, as in most rural districts of Bengal, is to ignore the causes which determine the rate of interest itself. Capital invested in loans to landholders and small agriculturists no doubt earns a much higher rate of interest than capital invested in ordinary mercantile business. At the same time, the security offered is often bad, the borrowers are mostly improvident, and the prospects of the crop on which in the last resort the recovery of the loan depends are always uncertain. The combined operation of these causes has established a high customary rate of interest, which can only be reduced in the case of the larger landholders by their adopting a more reasonable standard of living, and in the case of ordinary cultivators by securing to them the right to hold their lands undisturbed so long as they pay a fair rent for it, and possibly also by the establishment of agricultural banks. The Commissioner's remarks on the inconveniences said to arise from the present arrangement of civil jurisdictions in Maldah will be considered in the Judicial Department.

13. *Land and Land Revenue*.—The land revenue demand, current and arrear, for the Division was Rs. 34,31,448, of which Rs. 32,79,869 were collected and Rs. 1,641 remitted, leaving a total balance of Rs. 1,40,938, consisting of Rs. 1,44,481 current and Rs. 5,457 arrear. The percentage of collections on the total demand was 92·9. In the Sonthal Pergunnahs the percentage fell as low as 76·3 per cent. owing to the heavy arrear of Rs. 70,022 in the Government estate of the Damin-i-koh. In the matter of collections the results of the past year were worse than those of 1882-83; but considering the defective rainfall, this is no more than might be expected. The Lieutenant-Governor is glad to observe that the pressure of the season upon the ryots was mitigated by suspending the demand in some of the Government estates. The arrears of partition cases have increased from 150 to 202, but the increase is said to be due to a change in the mode of returning these cases, and thus to be more nominal than real.

14. *Roads and Public Works Cesses*.—As the cess year commences on the 1st October, the report deals with the figures of 1882-83, the last complete year for cess purposes. The current demand amounted to Rs. 7,62,368, showing an increase of Rs. 1,15,349, or nearly 18 per cent. more than the demand for 1881-82. Of this, Rs. 10,294 had been paid in advance in previous years, and Rs. 6,63,427 were recovered during the year. The balance was Rs. 88,647.

against Rs. 62,596 at the close of 1881-82. As, however, the demand had been enhanced in Monghyr, Bhagulpore and Purneah by revaluations, the effect of which was imperfectly understood by the zemindars, the results are generally unsatisfactory.

15. *Excise.*—The gross excise revenue rose from Rs. 11,21,749 in 1882-83 to Rs. 11,78,662 in the past year, the charges remaining much the same as before. The following statement illustrates the progress of the excise revenue in years selected to show the operations of different systems:—

					Rs.
1871-72	...	...	...	...	7,58,177
1879-80	...	...	...	...	9,63,844
1880-81	...	...	...	...	11,96,300
1883-84	...	...	...	...	11,78,662

The first year of the series shows the highest revenue collected under the central distillery system, the second gives the results of a mixed system of outstills and central distilleries; while in the third year, 1880-81, the outstill system was in force in all districts of the Division, except the Sonthal Pergunnahs, and the excise revenue rose to its highest point. Compared even with this year, the figures for 1883-84 show a decline of only Rs. 18,138. The revenue from country spirits rose from Rs. 5,30,326 to Rs. 5,84,357. In Monghyr the increase amounted to Rs. 37,045. It is attributed to increased competition. There have, however, been numerous complaints of the needless multiplication of outstills in this district, and the Lieutenant-Governor will await the conclusions of the Excise Commission upon this point.

The revenue from ganja fell off slightly, and the Commissioner states that the consumption of the drug is steadily decreasing. It is satisfactory to observe that the revenue collected is considerably above, and the consumption considerably below, the average for the five years ending in 1883. Opium shows a trifling increase both of revenue and consumption. The Commissioner expresses a hope that illicit manufacture and sale of the drug by cultivators will be effectually put down, but does not indicate the nature of the measures proposed to meet what has hitherto proved an insoluble difficulty.

16. *Stamps.*—The following statement shows the revenue derived from stamps other than postage and telegraph:—

	1882-83. Rs.	1883-84. Rs.
Judicial or court-fee stamps, including stamps for copies	6,59,653	6,61,373
Non-judicial stamps, including (1) one-anna revenue stamps, (2) bills-of-exchange or hundi stamps, (3) impressed stamps, and (4) other non-judicial stamps	2,16,181	2,11,744

The decline under the head of non-judicial stamps is not explained by the Commissioner, but may be assumed to be due to the diminished prosperity of all classes during the year. It is observed that the sales of one-anna revenue stamps fell off from Rs. 7,943 to Rs. 7,562 owing to Government having exempted the cheques of certain local funds and withdrawals of savings banks deposits from liability to this duty.

17. *License-tax.*—The assessment again fell from Rs. 1,83,700 in 1882-83 to Rs. 1,78,085 in the past year. Out of this amount, Rs. 1,63,068 were collected, Rs. 12,830 remitted, and Rs. 6,855 refunded, leaving a balance of Rs. 2,187 outstanding at the close of the year. There seems to have been a large decrease in this tax in Monghyr. The only explanation offered is the remark that "the impression is that the district was originally over-assessed." This may be the case, but the Lieutenant-Governor must observe that there seems to be a tendency among local officers to look upon the license-tax as a sort of fixed assessment liable to modification by deaths and changes of residence, but not necessarily of a progressive character. This view is doubtless so far correct that no rapid increase in the proceeds of the tax can fairly be looked for; but it is reasonable to expect that the gradual growth of wealth among the mercantile classes should not be without effect upon the yield of the license-tax.

18. *Monetary arrangements.*—The receipts of currency notes show a remarkable decline. Deducting transactions with Government treasuries

outside the Division, the figures for the past year show a fall in receipts from Rs. 44,46,610 to Rs. 35,49,325, but in issues an increase from Rs. 13,43,895 to Rs. 13,62,380. This is ascribed to general depression of trade. The fall was least in the Sonthal Pergunnahs, where the transactions of the lac merchants are believed to have kept up the receipts of notes almost to the level of the previous year. Government savings banks are rapidly losing popularity as compared with the Post Office savings' banks, which receive smaller sums, allow withdrawal more readily, and require fewer formalities than the Government institutions. Stock-notes to the value of Rs. 100 were sold in the Sonthal Pergunnahs and Monghyr. In the other districts of the Division there were no sales at all.

19. *Communications and other public works.*—The line from Baidyanath to Deoghur continues to be popular. It was proposed during the year to change the name of the junction from Baidyanath to Jessidih in order to prevent fraud being practised upon passengers by collecting at Baidyanath through-tickets to Deoghur and then re-issuing them for fresh payment. No necessity, however, was held to have been made out for changing the name of so important a station. It appears that the approaches to the Dharna bridge are too steep to admit of a cart roadway being added, and the proprietors of the tramway fear the loss of income which they think would be caused by opening the bridge to foot-passengers.

The portion of the Tirhoot State Railway between Dalsing Serai and Simuria Ghat was opened for traffic on the 1st May 1883. No progress has been made in the scheme for a railway from Bowsee to Bhagulpore. The remarks of the Collector of Purneah on the railway under construction in that district will be considered in the Railway Branch of the Public Works Department.

The Maharajah of Durbhunga's irrigation works in Monghyr are stated to be kept in perfect order and to have done much good during the year. The same is said of the smaller works in the Sonthal Pergunnahs. In Bhagulpore special facilities for irrigation are said to exist along the course of the Churdun, a hill stream passing through part of the district south of the Ganges; but the zemindars are too poor and have too little idea of concerted action to attempt any comprehensive scheme. The Lieutenant-Governor will await the detailed report which is promised on this subject. Mr Weekes, the Collector of Purneah, draws attention to the possibility of utilizing for irrigation the numerous hill streams which fall into that district, and suggests the construction of an anicut on the river Koosi. His remarks will be communicated to the Irrigation Branch of the Public Works Department.

The road funds of the Division amounted to Rs. 6,06,232, of which Rs. 5,02,005 were expended, leaving more than a lakh in hand. No work of special importance was executed during the year. Existing roads were kept in repair, some new roads were commenced, and much useful bridging was done. Rupees 44,857 were spent on village roads. The important work of planting trees along roads made most progress in Bhagulpore and the Sonthal Pergunnahs, where proper nurseries are kept up to supply strong young trees. This system should be extended to all other districts, and every effort made to interest local zemindars and leading villagers and the chief men of the rural police in planting new trees, or at any rate in maintaining those already planted.

20. *Education.*—There was a further fall in the total number of schools from 7,620 to 7,503, while at the same time the number of pupils rose from 89,628 to 95,812, or 6·9 per cent. The decrease in the number of schools is no matter for regret. Superfluous and unsuccessful institutions have been abolished, and schools of a lower grade have been amalgamated with those of higher grades. There were 64 female schools in the division against 24 in 1882-83. Including other schools which admit females, the total number of girls under instruction during the past year was 2,553. This, though only a small proportion of the population of a school-going age, represents a considerable advance upon the state of things in former years. It is interesting and satisfactory to find that female education promises to make special progress among the aborigines, who are said to be freer from prejudice in this matter than either Hindus or Mahomedans. The number of Sonthals at schools rose from 6,839 to 9,306, and of Paharias from 203 to 211. Sixty-four Dhangurs also

appear in the returns. Three Sonthals passed the upper primary examination, and 77 Sonthals and 2 Dhangurs the lower primary. Two Sonthals took upper primary and three lower primary scholarships. These results indicate satisfactory progress in the education of a class of the community whose advancement it is very desirable to promote. It is observed that the School Committee of the Sonthal Pergunnahs are arranging to open 30 cheap schools for aborigines, of which 24, with 531 pupils, have already been started. The Lieutenant-Governor would be glad to have fuller information about the progress of these schools in next year's report, stating, if possible, what becomes of the more successful pupils after they leave school.

21. *Committees.*—The Commissioners of the various municipalities seem to have attended more regularly and taken greater interest in their work than the members of the Road and Education Committees. Thus the Road Committees of Monghyr and Maldah only held six meetings, while the Education Committees of Purneah and Maldah met once during the year. The Education Committee of the Sonthal Pergunnahs is again favourably reported on. The municipalities of Monghyr, Purneah, Jamalpore, and Sahebgunge seem to have done good work. The Purneah Municipality have under consideration a scheme for draining a large marsh, which promises to improve the health of the station. In Bhagulpore the state of some of the station roads is reported to be unsatisfactory, and the water-works have made no progress during the past year.

22. *Wards.*—Fifteen estates were under the management of the Court of Wards at the commencement, and the large estate of Surjapore in Purneah was made over to its proprietor in November 1883. During the 10 years this estate was under the Court, the whole of its debts were paid off, and the management seems to have been in other respects satisfactory. The tenants are reported to regret the return to a system of collection through farmers, recently introduced by the proprietor. Progress seems to have been made in adjusting the affairs of the Srinagar Estate in Purneah, of which charge was taken in 1882-83. Works of improvement, such as digging tanks and laying out roads and plantations, were undertaken in most of the estates in the division. In the case of tanks the tenants of the villages benefited were called upon to pay one-fourth of the cost, but this has not been readily realized.

23. *Conduct of zemindars.*—The agrarian disputes on the Patsunda and Khyra estates have not recurred during the past year. An attempt at coercion was indeed made by the landlords, but abandoned when the Sub-Divisional Officer of Jamui pointed out the hardship from which the ryots suffered in a year of comparative scarcity. In other portions of the district "there has," says the Collector, "been a marked tendency on the part of some landlords to raise their rents, and an endeavour to oust their ryots from their hereditary rights, and especially to get rid of the obnoxious occupancy right." In Bhagulpore several zemindars were forward in helping their ryots by remission of rent or by giving labour, but in Purneah and Maldah no zemindar distinguished himself throughout the year by any public spirit, except one gentleman, who subscribed towards the fund in support of a local agricultural exhibition.

24. *Conduct of Officers.*—Among Covenanted Officers, Mr. Oldham is specially praised by the Commissioner, and Baboos Wooma Churn Bose, Sarada Prosad Chatterjee, and Gossain Dass Dutt among the Deputy Collectors. Mr. Barlow's remarks under this head will be considered in the Appointment Department.

By order of the Lieutenant-Governor of Bengal,

A. P. MacDONNELL,

Secretary to the Government of Bengal.

LIBERALITY OF CERTAIN GENTLEMEN IN RELIEVING THE DISTRESS CAUSED BY THE LATE FIRES IN THE CITY OF MOORSHEDABAD.

No. 1980J, dated Calcutta, the 28th July 1884.

From—F. B. PEACOCK, Esq., Secretary to the Government of Bengal,
To—The Commissioner of the Presidency Division.

I AM directed to acknowledge the receipt of your memorandum No. 87JG, dated the 11th instant, and its enclosures, and in reply to request that you will be good enough to convey to the gentlemen named the thanks of Government for their liberality in relieving the distress caused by the late fires in the City of Moorshedabad.

To Mr. Beames, the Sub-Divisional Officer of Lalbagh, the acknowledgments of Government are due for the energy he displayed in affording aid to the sufferers.

2. I am to add that this correspondence will be published in the *Calcutta Gazette*.

No. 87JG, dated Calcutta, the 11th July 1884.

Memo by—The Officiating Commissioner of the Presidency Division.

FORWARDED to the Secretary to the Government of Bengal in the Judicial Department for information.

The liberality displayed by the donors deserves, I think, the thanks of Government.

No. 1011, dated Berhampore, the 21st June 1884.

From—J. C. VEAHEY, Esq., Offg. Magistrate of Moorshedabad,
To—The Commissioner of the Presidency Division.

You are doubtless aware that in April last the City of Moorshedabad was the scene of a series of destructive fires, which resulted in the loss of at least three lives and of a large quantity of property. The Sub-Divisional Officer is of opinion that more than one-half, he says indeed three-fourths, of the city was burnt down, and he estimates the damage from the four principal fires, three of which occurred on the same day, at nearly three-quarters of a lakh.

2. To relieve the widespread distress thus caused, and to enable the poorer sufferers to find shelter before the rains, Mr. Beames, with his usual energy, set on foot a subscription by which he realized Rs. 10,920 contributed by 880 subscribers. Of this the Nawab Bahadur, who as a landlord was himself a considerable loser, gave Rs. 3,000; Raisunnissa Begum, the mother of the ex-Nawab Nazim, Rs. 1,000; Mahomdi Begum Rs. 1,500; and Maharani Sarnomoyee, M.C.I., of Cassimbazar Rs. 1,000. The money so raised was distributed by a Committee specially convened for the purpose and paid out by Mr. Beames in person, with the result that he is able to report that none but the more wealthy members of the community have suffered anything beyond temporary inconvenience.

3. I append a list of subscribers of Rs. 100 and upwards, and would ask you, if you think fit, to bring the matter to the notice of Government that the donors may receive some recognition of their liberality.

Number.	Names of Subscribers.	Amount. Rs.
1	The Nawab Bahadur of Moorshedabad ...	3,000
2	Nawab Raisunnissa Begum Shahiba ...	1,000
3	" Shomsejehan Begum ...	700
4	" Mulkzamina Begum ...	700
5	" Shahounnissa Begum ...	600
6	Mian Arjumund ...	100
7	Sultan Getiara Begum Shahiba ...	300
8	Asudali Mirza ...	200
9	Furbad Mirza ...	100
10	Mahomed Mirza ...	100
11	Nasirali Mirza ...	100
12	Khurshed Kader Syud Iskunder Ali Mirza ...	200
13	Syud Kaikus Mirza ...	100
14	Khakun Mirza ...	100
15	Bohoram Mirza ...	100
16	Shujaul Mulk Asufud-doula Nawab Syud Mahomed Zainul Abdeen Khan Bahadur Ferozejung ...	250
17	Jaffer Mirza ...	100
18	Nawab Mahomdi Begum Shahiba ...	1,500
19	Baker Mirza ...	100
20	Maharani Sarnomoyee, M.C.I., of Cassimbazar ...	1,000
21	Nasarub-Mulk Ala-ud-dowlah Syud Azimali Khan Bahadur Asad-i-Jung ...	125
22	Easufuddin Ali ...	100
23	Fakurraddin Hyder ...	250
24	Tomisuddin Hyder ...	250
25	Munshi Korbau Hossain ...	118

J. C. VEAHEY,
Offg. Magistrate of Moorshedabad.

**REPORT ON THE WORKING OF THE LICENSED WAREHOUSE AND
FIRE-BRIGADE ACT IN THE TOWN OF CALCUTTA DURING THE
YEAR 1883-84.**

The following report is published for general information.

COLMAN MACAULAY,
Secy. to the Govt. of Bengal.

The 5th August 1884.

No. 15, dated Calcutta, the 30th June 1884.

FROM—H. L. HARRISON, Esq., C.S., Chairman of the Corporation,
TO—The Secretary to the Government of Bengal.

I HAVE the honour to submit the following report under section 30 of Act IV (B.C.) of 1883 of the jute screw and warehouses in the town of Calcutta for the year ended 31st March 1884.

2. At the close of last year there were 83 sanctioned warehouses on the register within the limits of the town. The jute godown in Hurro Chunder Mullick's Street, which was said in the last report to be under construction, was completed, and its license sanctioned at the Special General Meeting held on the 30th August 1883. Another new license for No. 43, Nimtollah Ghat Street, was also sanctioned at the Special Meeting held on the 22nd November 1883. These make up the total number of warehouses to be 85. Of these, nine were cancelled during the year—three for suspension of business and six for default of payment of license fees, thus reducing the number at the end of the year to 76, of which a complete list, arranged according to the Acts under which they were originally licensed, is appended to this report.

3. Seven applications were received during the year—four for licensing additional premises, two for licensing existing godowns for storage of jute, and one for permission to construct a jute warehouse. Three of the first and one of the second were rejected for want of sufficient cart space; the others have been sanctioned.

4. The license fees realized during the year under notice from these 76 warehouses amounted to Rs. 23,133-5-4, or Rs. 1,242 less than last year. This falling off may be ascribed to the dulness of the jute business, which led to the abandonment of their licenses by the owners of several godowns as mentioned above.

5. Only one prosecution against the owner of premises No. 82, Nimtollah Ghat Street, was instituted for allowing the same to be used for storage of jute without a license, which resulted in the owner being convicted and fined Rs. 100.

6. It is, however, satisfactory to be able to note that during last year no fire broke out in any of the jute godowns in the town.

7. Under section 16 of Act IV (B.C.) of 1883, the Jute Warehouse Fund was closed, the Municipality being allowed to retain 20 per cent. only of the fees realized for payment of establishment, for the superintending of the warehouses and the licensing of them, the remaining 80 per cent. being made over to the Commissioner of Police for the maintenance of the Fire-brigade.

8. The subjoined statement will show the receipts and expenditure on this head during the year under review.

*List of the Jute Warehouses licensed in the Town of Calcutta for the year ending
31st March 1884.*

No.	Name of street and number of premises.	Name of license-holders.	Annual assessment.	Annual license-fee.
LICENSED UNDER SECTIONS 4—6, ACT II (B.C.) OF 1872.				
			Rs.	Rs.
1	1 Ahoreetollah Street	Koroom Chand	1,200	200
2	169 ditto do.	Kissen Chand Bhoom Singh	3,000	300
3	170 ditto do.	Radhamoney Srinath Dey Chowdhury	1,368	200
4	172 ditto do.	Srishtedhur Dey	1,020	200
5	145-H-1 Chitpore Road, Upper	Chunder Kant Mookerjee	1,200	200
6	87 to 87-53 Durmahatta Street	Ghoramul, Agent	9,000	900
7	59-60 ditto ditto	Judonath Shaw Chowdry	456	50
8	195 ditto ditto	Sridhur Mondol	1,200	200
9	138-39 ditto ditto	Ditto	360	50
10	7 Doorga Churn Mookerjee's Street	Peary Mohun Biswas	360	50
11	4 Hurro Chunder Mullick's Street	Proladh Chunder Shaw	800	100
12	6 ditto ditto	Jogossur Halder	1,200	200
13	14 ditto ditto	Gobind Chunder Dutt	1,800	200
14	23 ditto ditto	Juggut Mohun Shaw	900	100
15	25 ditto ditto	Proladh Chunder Shaw	1,200	200

No.	Name of street and number of premises.	Name of License-holder.	Annual assessment.	Annual license-fee.
			Rs.	Rs.
16	27 Hurro Chunder Mullick Street ...	Bishambur Mullick's ...	600	100
17	28 ditto ditto ...	Benode Behary Khan ...	720	100
18	28 Jora Bagan Street ...	Ramesur Aitch ...	584	100
19	31 to 31-4 Manick Bose's Ghat Street ...	Srimutty Nobinkissory Dassee ...	1,260	200
20	8 Noyan Soor's Ghat Street ...	Gooroo Gobind Shaw and others ...	1,200	200
21	56 Strand Road ...	Chunroo Singh ...	1,080	200
22	57 ditto ...	Judeonath Shaw Chowdry ...	1,740	200
23	5 Sookea's Lane ...	Chunder Bhoosun Chatterjee ...	1,380	200
24	17-18 ditto ...	Norendro Coomar Dutt ...	3,000	300
25	21 ditto ...	Chundy Churn Dutt ...	2,400	300
26	6 Sobha Bazar Street ...	Bama Churn Ghose ...	960	100
27	7 ditto ...	Chunder Sekur Srikant Shaw Pramanick ...	960	100
28	12 Sobha Bazar Street ...	Parbutty Churn Soor ...	1,080	200
29	67 ditto ...	Dookhram Dass ...	780	100
30	71-1 ditto ...	Dimonath Shaw ...	720	100
31	72 ditto ...	Kirtee Chunder Mitter ...	1,800	200
32	73 ditto ...	Mothocrakant Shaw ...	3,792	400
33	78-79 ditto ...	Kirtee Chunder Mitter ...	2,520	300
34	91-92 ditto ...	Sridhur Mondul ...	1,596	200
35	98-2 ditto ...	Jugobundhoo Saratchunder Shaw ...	1,080	200

LICENSED UNDER SECTION 7, ACT II (B. C.) OF 1872.

36	20 Bonomally Sircar's Street ...	Dinobundhoo Chowdry and others ...	420	50
37	206 Chitpore Road ...	Mr. R. Belchambers, Receiver ...	2,400	300
38	247-48 ditto ...	Messrs. Finlay, Muir & Co. ...	21,000	2,000
39	16 Hurro Chunder Mullick's Lane ...	Maharaj Anund Mohun Shaw ...	1,200	200
40	26-27 Jora Bagan Street ...	Pearry Mohun Dutt ...	1,476	200
41	1 Muddon Dutt's Lane ...	J-dub Lal Shaw ...	860	100
42	67-27-H-1 Strand Road ...	Secretary, I. G. S. N. Co., Limited ...	3,078	400
43	3 to 3-3 Sobha Bazar Street ...	Lalit Mohun Shaw and others ...	10,740	1,100
44	10 ditto ...	Radhanath Laljee Mohun Shaw ...	2,800	300
45	95-96 ditto ...	Juggut Mohun Shaw ...	2,400	300
46	98 ditto ...	Sittanath Shaw Chowdry ...	3,000	300

LICENSED UNDER ACT II OF 1872 AS AMENDED BY ACT II OF 1873.

47	76-2 Durmahatta Street ...	Behary Lal Pyne ...	1,440	200
48	144 ditto ...	Secretary to the Port Commissioners ...	4,800	500
49	42-43 Durga Churn Mookerjee's Street ...	Kirtee Chunder Mitter ...	3,000	300
50	45 ditto and 202 Chitpore Road ...	Issur Chunder Mitter ...	1,800	200
51	24 Hurro Chunder Mullick's Lane ...	Khetter Mohun Biswas ...	408	50
52	26 Manick Bose's Ghat Street ...	Sreemutty Kaminy Dassee ...	3,000	300
53	7 Noyan Soor's Ghat Lane ...	Sumbhoo Nath Gobindo Nath Chowdry ...	900	100
54	67-2 & 67-31-A Strand Road ...	Messrs. Rutherford and Co. ...	28,236	2,000
55	67-27-H-1 do. ...	Secretary, I. G. S. N. Co., Ltd. ...	3,078	400
56	98-3 Sobha Bazar Street ...	Jugobundhoo Sarat Chunder Shaw ...	1,800	200
57	100 do. ...	Sridhur Sham Dass Mondul ...	1,500	200

LICENSED UNDER SECTION 6, ACT V (B.C.) OF 1879.

58	80-80-1 Dhurmahatta Street ...	Behary Lal Pyne ...	1,140	200
59	143 & 143-2 do. ...	Gooroo Gobindo Shaw ...	9,000	900
60	202 do. ...	Rajendro Dutt ...	6,000	600
61	5 Doorga Churn Mookerjee's Street ...	Audhor Chunder Shaw ...	1,080	200
62	6 do. ...	Doyal Chand Shaw ...	1,200	200
63	5 Hurro Chunder Mullick's Street ...	Jugobundhoo Shoshee Bhoosun Shaw Pramanick ...	720	100
64	16 do. ...	Gooroochurn Shaw ...	960	100
65	9 Noyan Soor's Ghat Lane ...	Nobin Chunder Koondoo ...	1,200	200
66	1 to 5, 10 to 15 Manick Bose's Ghat Street ...	Ablack Singh ...	4,680	500
67	46 do. ...	Nittyanund Shaw ...	2,400	300
68	1 Noyan Soor's Ghat Lane ...	Sreemutty Sabitry Soondery Dassee ...	840	100
69	67-9-H-1 Strand Road ...	Messrs. Macneill and Co. ...	4,800	500
70	62 Nimtollah Ghat Street ...	" Frankissen Law and Co. ...	12,000	1,200
71	1 of 67-48-A Strand Road ...	" Macneill and Co. ...	2,638	300
72	5 Sobha Bazar Street ...	Bissumbhur Mullick ...	2,500	300
73	90 do. ...	Mr. C. T. Davis, Receiver ...	2,400	300

LICENSED UNDER SECTION 6, ACT IV (B.C.) OF 1883.

74	13-6 Hurro Ch. Mullick's Street ...	Bissonath Lakhynath Pramanick ...	900	100
75	43 Nimtollah Ghat Street ...	Messrs. J. E. Moran and Co. ...	6,000	600
76	82 do. ...	Jodeonath Shaw Chowdry ...	6,000	600

Abstract Account of Receipts and Disbursements of the Jute Warehouse

Dr.

Fund for 1883-84.

Cr.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
OLD ACCOUNT UNDER ACT V (H.C.) OF 1879.			OLD ACCOUNT UNDER ACT V (H.C.) OF 1879.		
To licensees for Jute Warehouses ...	15,933 5 4		Paid for establishment from 1st April to 15th May 1883 ...	797 8 0	
.. fines under Jute Act and other miscellaneous receipts ...	36 0 0	15,969 5 4	Do. contingencies do. do. ...	87 0 0	534 8 0
.. balance of cash in the Bank of Bengal ...	1,913 2 10		Paid Commissioner of Police for maintenance of Five-brigade up to 15th May 1883 ...	9,993 5 8	
.. ditto with Treasurer ...	2,800 0 0		Do. 20 per cent. of 7-8ths of the license fees, &c., under Act IV of 1883 ...	10,218 8 6	20,511 14 2
.. advances ...	2,100 0 0	8,613 2 10			
		22,582 8 2	20 per cent. of the 7-8ths of license fees, &c., transferred to new ac- count under Act IV of 1883 ...		4,054 10 3
Contribution from General Fund to meet the deficit of the old account ...		8,618 8 2			21,101 0 4
		31,101 0 4			
NEW ACCOUNT UNDER ACT IV OF 1883.			NEW ACCOUNT UNDER ACT IV OF 1883.		
To 20 per cent. of 7-8ths of the fees and receipts for the year 1883-84 ...		4,054 10 2	Paid for establishment from 16th May 1883 to 28th February 1884 out of the 20 per cent. ...		3,010 8 0
			Surplus under new account trans- ferred to General Fund ...		1,044 2 2
Total ...		4,054 10 2	Total ...		4,054 10 2

REPORT ON THE WORKING OF THE LICENSED WAREHOUSE AND FIRE-BRIGADE ACT IN THE SUBURBS OF CALCUTTA DURING THE YEAR 1883-84.

The following report is published for general information.

COLMAN MACAULAY,

Secretary to the Govt. of Bengal.

The 5th August 1884.

No. 64M.M., dated Calcutta, the 25th July 1884.

From—A. SMITH, Esq., Officiating Commissioner of the Presidency Division,
To—The Secretary to the Government of Bengal, Municipal Department.

UNDER section 30 of Act IV (B.C.) of 1883 (the Licensed Warehouse and Fire-brigade Act) I have the honour to submit the annual report on the working of the Act during the year 1883-84 in the Suburbs of Calcutta, together with a statement shewing the jute warehouses in the Suburbs for which licenses were granted. A statement shewing in debtor and creditor form the income and expenditure, as called for by paragraph 4 of Government letter No. 723, dated the 20th August 1881, is also herewith submitted.

2. The number of warehouses licensed during the year was 102 against 98 in the previous year, shewing an increase of four warehouses. Of the 98 warehouses open at the close of 1882-83, six were closed and ten new warehouses were opened during the year under report. The amount of license-fee realized during the year was Rs. 16,793, including a sum of Rs. 2 levied under section 8 of the Act for a change in occupation of one of the warehouses, as against Rs. 16,220 in the year preceding, shewing an increase of Rs. 573. The changes of owners and licenses, and the fluctuations in the amount of license-fees, have been noted in the statement in the column of remarks; no separate explanations are therefore required under these headings.

3. Eighteen fires occurred in the Suburbs during the year under review. A tabular statement shewing the property destroyed by fire, and estimated value thereof, as furnished by the Deputy Commissioner of Police, is herewith submitted.

List of Jute and Cotton Warehouses licensed in the Suburbs of Calcutta during the year 1883-84.

Number.	Name of the Owner or Occupier of the Warehouse.	Locality of the Warehouse.	Amount of license-fee realized.	Total.	REMARKS.
HYDRAULIC PRESSSES.					
1	Camperdown Pressing Company, Limited.	1 and 6 Rustomjee's Lane, Cossipore.	Rs. A. P. 900 0 0	Rs. A. P.	
2	Messrs. S. C. Chunder and Co. (Proprietors, Bengal Hydraulic Press).	4, Sugarworks' Lane, Cossipore.	900 0 0		
3	Hurook Das and Dooli Chand	2, Chitpore Ghat Lane, Nawabpatty.	670 0 0		
4	Ashcroft Pressing Company, Limited. (Owner, Kirpa Chunder Mittra).	10, Nawabpatty Street, Chitpore.	750 0 0		
5	Messrs. Ernsthausen, Osterley and Co. (Owner, Rajkinto Das).	8, Gully Prosunno Singha's Street, Chitpore.	1,140 0 0		
6	Messrs. Ralli Brothers	3, Sugarworks' Lane, Cossipore.	1,500 0 0		
7	Messrs. Kettlewell, Bullen and Co. (Owner, Bunsack Lal Seal).	42A, Cossipore Road.	540 0 0		Former occupants Messrs. Ralli Brothers.
8	Messrs. Emilio Charrat and Co. Agents and Secretaries, Calcutta Hydraulic Press Company, Limited.	5, Gully Prosunno Singha's Street, Chitpore.	1,002 0 0		
9	Messrs. George Henderson and Co. (Agents, Watson's Patent Press Company, Limited).	1, Galliffo Street, Bas-Bazar.	420 0 0		
10	Messrs. S. J. Viotella and Co. (Agents, Chitpore Hydraulic Press Company, Limited).	2, Gully Prosunno Singha's Street, Chitpore.	1,200 0 0		Former occupants Messrs. Kettlewell, Bullen and Co. On the revision of Municipal valuation the license-fee has been increased.
11	Messrs. Hambro and Co. (Managing Agents, Canal Press Company, Limited).	2, (old No. 6) Nawabpatty Road, Chitpore.	870 0 0	9,572 0 0	
JUTE MILLS.					
12	Messrs. Gladstone, Wyllie and Co. (Agents, Cane Jute Mills).	48, Garden Reach Road	120 0 0		
13	Messrs. Bird and Co. (Agents, Union Jute Company, Limited).	4, Gooreeparah Road, Seal-dah.	100 0 0		
14	Ditto ditto ditto	Southerly Godown of premises No. 3A, Ballaghutta Road.	—		
15	Messrs. Robinson, Morrison and Co. (Manufacturers, Agents Asiatic Jute Company, Limited).	73, Narcoolaugh Main Road.	80 0 0		Vacant. License not renewed.
16	Deputy Superintendent, Alipore Jail.	5, Jail Lane	60 0 0		
17	Messrs. George Henderson and Co. (Agents, Baranpore Branch Mills).	135, Ballaghutta Road	60 0 0		
18	Messrs. Gillanders, Arbuthnot and Co.	9, Garden Reach Road	144 0 0		New.
COTTON MILLS.					
19	Messrs. Mackinnon, Mackenzie and Co. (Agents, Garden Reach Cotton Mills Association).	22, Garden Reach	40 0 0	344 0 0	
20	Messrs. Andrew, Yule and Co. (Agents, Bental Mills Company, Limited).	47, ditto	87 0 0	120 0 0	
HAND SPINNERS.					
21	Chunder Nath and	1, Ram Gopal Ghose's Lane, Chitpore.	200 0 0		
22	Burrah Chunder Bose	14, Gully Prosunno Singha's Street, Chitpore.	22 0 0		New.
	Carried over			522 0 0	

Number.	Name of the Owner and Occupier of the Warehouse.	Locality of the Warehouse.	Amount of Income (as assessed).	Total.	REMARKS.
		Brought forward	Rs. A. P.	Rs. A. P.	
			.....	10,558	
WAREHOUSES FOR STORAGE OF JUTE.					
1	Rudra Shuman Mitter	4, & 6, Khelatch Chunder (owner's lane).	50 0 0		
2	Koylash Chunder Bhattacharya (owner, Nirmoney Mitter)	13, Bakatcha Road	50 0 0		Former occupant Issar Chunder Mitter.
3	Agent, Eastern Bengal Railway Company.	1, Upper Circular Road	700 0 0		
4	Ditto ditto	2, Chitpore Cross Road	600 0 0		
5	Tara Charn Gooch	7, East Kishore Mookerjee's Lane, Chitpore.	150 0 0		Licence for No. 4 not renewed this year, hence the reduction of fee.
6	Ditto ditto	3, Ditto ditto	50 0 0		
7	Gopal Chunder Sikdar and Mohan Chunder Kundu (Owner, Baboo Prakesh Mookerjee).	13, & 12A, Tallah Road	50 0 0		Last year the owner, Baboo Prakesh Mookerjee, chose to take out the licence in his own name.
8	Koylash Chunder Nundun (Owner, Anando Chunder Chatterjee and others).	7, Chitpore Bridge Road	20 0 0		The No. 74, Chitpore E Road in the last year's statement was a clerical error.
9	Dwarkanath Bhunjia (Owner, Anato Nath Das).	6, Olye Chandytollah Road	50 0 0		
10	Gopal Naman Chowdhury	10, Satpookher Road	50 0 0		
11	Mohina Chunder Kundu	31, Canal West Road, Ooltadungli.	50 0 0		
12	Mohina Chunder Kundu and Koylash Chunder Kundu	27, Canal West Road, Ooltadungli.	50 0 0		
13	Gopee Mohun Roy	1-7, Rodri; Das Temple Street.	50 0 0		
14	Gopee Mohun Roy	29, Canal West Road, Ooltadungli.	50 0 0		
15	Taraprasanna Roy	35-1, ditto ditto	50 0 0		
16	Deep Chand and Harro Chand Kundu	35-5, ditto ditto	50 0 0		
17	Mohun Bansi Roy	30-1, ditto ditto	75 0 0		
18	Radha Kristo Gooch	1, Chitpore Street	50 0 0		
19	Ditto ditto	2, (revised No. 2) Prakesh Mookerjee's Lane, Chitpore.	50 0 0		
20	Dwarkanath and Bonomally Kundu	20, Chitpore Ghat Lane	105 0 0		
21	Bonomally Kundu (Owner, Kedar Nath Mondul).	2, Bonomally Chatterjee's Street.	50 0 0		
22	Goburdhone Shaw	40, Canal East Road, Ooltadungli.	50 0 0		
23	Cally Sunker and Tarrak Nath Kundu (Owner, Nundo Lal Mullick).	5, Tallah Road	50 0 0		
24	Sanstone De (Owner, Prasanno Moyee Dasse).	5, Gouribere Lane	50 0 0		
25	Cally Sunker Coondoo	8, Tallah Road	50 0 0		Vacant. Licence not renewed.
26	Nalit Mohun and Brindaban Chunder Shaw (Owner, Bindu Moni Dasi).	34-3, Canal West Road, Ooltadungli.	50 0 0		
27	Ditto ditto ditto	24-2, ditto ditto	50 0 0		
28	Haney Madhub Sikdar (Owner, Rameswar Bakooli).	25-1, ditto ditto	50 0 0		
29	Nurrotem Sikdar (Owner, Haney Madhub Neochi).	19, Gouribere Lane	50 0 0		
30	Proldali Chunder and Nurrotem Sikdar	33, Barrackpore Trunk Road.	50 0 0		
31	Salmadhab Sikdar	18, Ooltadungli Road	50 0 0		
32	Sourjee Coomar and Gura Charn Shaw	45, Canal West Road, Ooltadungli.	50 0 0		
33	Kristo Mongul Shaw (Owner, Kristo Kishore Poddar).	33-1, ditto ditto	50 0 0		
34	Dwarkan Nath Roy (Owner, Nundo Lal Mullick).	6, Tallah Road	50 0 0		
35	Proldali Chunder and Dignumber Shaw	17, Chitpore Ghat Lane	50 0 0		
36	Hanish Chunder Dutta	57-1, Canal West Road, Ooltadungli.	50 0 0		
37	Ditto ditto	19 and 20, Gouribere Lane.	50 0 0		
38	Bejoy Chunder Dutta	41, Canal East Road, Ooltadungli.	50 0 0		
39	Madhub Chunder Dutta	7, Narabputty Street, Chitpore.	50 0 0		
40	Rajendra Lal She and 4 others (Owner, Rajendra Lal Neochi).	3 & 4, Chitpore Ghat Street.	120 0 0		
41	Nasser Chunder Tuh (Owner ditto ditto).	Ditto ditto	50 0 0		
42	Cally Charn Poddar, present occupier Nurrotem Sikdar (owner Bonola Bonderi Dasi and Gunadhar Kundu and others).	2, Rodri Das's Temple Road.	50 0 0		
43	Cally Charn Poddar (Owner, Harish Chunder Dutta).	30, ditto ditto	50 0 0		
44	Hurrah Chunder Dutta	30-3, Canal West Road, Ooltadungli.	50 0 0		
45	Adhar Chunder Mitter (Owner, Nurrotem Coomar Dutta).	4, Pykeparrah Road	.....		Vacant. Licence not renewed.
46	Behary Lal Tyne (Owner, Harish Chunder Dutta).	23, Moorarepeakher Lane	50 0 0		
47	Proldali Chunder and Dignumber Shaw (Owner, Jehumisa Begum).	4, Chitpore Ghat Lane	50 0 0		
48	Messrs. Ernsthansen, Osterley and Co. (Owner Cally Das Sami).	3, Kelly Prasanno Singhee's Street, Chitpore.	175 0 0		Licence-fee reduced by the revision of municipal valuation.
49	Ditto ditto	31, Ditto ditto	150 0 0		
50	Brindaban Chunder Roy (Owner, Koylash Nath Chatterjee).	2, Prakesh Mookerjee's Lane	50 0 0		Former occupant Proldali Chunder Chatterjee.
51	Sarop Chunder Saraha (Owner Tara Chand Poddar).	14, Prakesh Mookerjee's Lane.	50 0 0		
52	Homa Nath Das	1, Chitpore Bridge Approach.	50 0 0		
		Carried over	4,348	10,558	

Number.	Name of the Owner and Occupier of the Warehouse.	Locality of the Warehouse.	Amount of license-fee realized.	Total.	REMARKS.
		Brought forward ...	Rs. A. P. 4,906 0 0	Rs. A. P. 10,559 0 0	
WAREHOUSES FOR STORAGE OF JUTE.—Continued.					
53	Brojo Deval Shaw (Owner Gokunda Chunder Roy.)	7, Satpooker road ...	50 0 0	.....	Former occupant Jurgeshwar Kundoo.
54	Basu Behary and Jodindhar Roy (Owner Baboo P. K. Mookerjee.)	1 & 6A, Pran Kanan Mookerjee's lane.	50 0 0	.....	Former occupant Dwarka Nath Roy.
55	Mohesh Chunder Kundoo	3, Kally, corner Banerjee's lane, Chitpore.	50 0 0	.....
56	Messrs. Chen and Pal (Owner Indra Narsen Bhowas.)	2, Sheshparrab road, Col- bachia.	50 0 0	.....	Last year the owner him- self was the license-holder.
57	Brindaban Chunder Roy (Owners Ruzick Lal Sha and 2 others.)	1, Frankissen Mookerjee's lane, Chitpore.	50 0 0	.....	Last year the owners them- selves were the license- holders.
58	Chunder Nath Datal	4, Belatchia road ...	50 0 0	.....
59	Ditto ditto	5, Ditto ...	50 0 0	.....
60	Gyan Chunder Sen	15, Frankissen Mookerjee's lane, Chitpore.	50 0 0	.....
61	Nilmoni Dutta (Owner Nando Lal Mullick.)	5, Tallah road ...	.....	.....	Vacant. License not re- newed.
62	Jugurnath Bajpye (Owner Haradhar Mondul.)	19, Cosapure road ...	50 0 0	.....
63	Shyama Churn Hullooh (Owner Shyama Churn Lahory.)	5, Belatchia road ...	50 0 0	.....
64	Hurriah Chunder Dutta	10, Chitporeghat lane ...	50 0 0	.....
65	Kutub Chunder Mitter	4 (old No. 20), Frankissen Mookerjee's lane, Chitpore.	180 0 0	.....
66	Ditto ditto	3 (old Nos. 5, 8, 10), Chit- pore street.	50 0 0	.....	Former occupant Indro Narain Bhowas.
67	Dwarka Nath Roy (Owner Mohima Chunder Chucker- butty.)	14, Frankissen Mookerjee's lane, Chitpore.	50 0 0	.....
68	Nilmadhab Sieldar	16 & 17, Galkiffe street, Baughata.	50 0 0	.....
69	Hurriah Chunder Dutta (Owner Nilmoney Mitter.)	13, Belatchia road ...	50 0 0	.....
70	Sudam Chunder and Iwar Chunder Kundoo (Owner Ram Chunder Banerjee.)	33, Barrackpore Trunk road.	50 0 0	.....
71	Shyama Churn Hullooh (Owner Shyama Churn Lahory.)	5, Belatchia road.	50 0 0	.....
72	Kelly Sinker and Tarruck Nath Kundoo. (Owner Prandhone Dutt.)	22, Tallah road.	50 0 0	.....
73	Comolokanto Chuckerbutty (Owner Kachin Nath Kundoo.)	16, Nawabputty street (present No. 14).	50 0 0	.....
74	Jarra Churn Goho	7 & 8, Chitporeghat lane	50 0 0	.....
75	Mr. F. Augier	4, Gallyprossanna Singhee's road.	75 0 0	.....
76	Pran Nath Banerjee	31, Barrackpore Trunk road.	.....	.....	Vacant. License not re- newed.
77	Sidam Chunder Kundoo and others	5, Chilly Coomar Banerjee's lane, Chitpore.	.....	.....	Ditto ditto
78	Messrs. W. B. Macavish and Co.	Compartment 3 of build- ing No. 3A, Balghatta road.	50 0 0	.....
79	Iwar Chunder Banerjee	53A, Barrackpore Trunk road.	50 0 0	.....	New.
80	Hurriah Chunder and Benode Behary Dutta.	39-3-1, Canal west road ...	50 0 0	.....	Do.
81	Nurrotum Sieldar	60, Gouribere road ...	50 0 0	.....	Do.
82	Messrs. Chen and Pal (Owner Giridhar Dassi.)	16, Nawabputty street ...	50 0 0	.....	Do.
83	Pras Nath Mitter	1, Lockgate road ...	180 0 0	.....	Do.
84	Nolit Mohun and Brindaban Chunder Sha. (Owner Kristo Kinsore Poddar.)	51-1, Chowpatty road, Balghatta.	50 0 0	.....	Do.
85	Hurriah Chunder Doso	12, Gallyprossanna Singhee's street.	50 0 0	.....	Do.
86	Messrs. W. B. Macavish and Co.	10, Belatchia road.	50 0 0	.....	Do.
	Fee realized under Section 5, Act IV (B.C.) 1883, on a warehouse at Gouribere.	Total ...	6,253 0 0	6,253 0 0	
		Total ...	2 0 0	10,783 0 0	

F. E. PARCITER,
for Chairman.

OFFICE OF THE MUNICIPAL COMMISSIONERS
FOR THE SUBURBS OF CALCUTTA,
Dated Alipore, the 1st July 1884.

Dr. Jute Warehouse Fund. Cr.

	Rs. A. P.	Rs. A. P.	Rs. A. P.
To amount paid to Commissioner of Police, Calcutta, for coal tenance of Fire Brigade Fund for 1883-84	.....	13,231 13 1	
Establishment from 1st April to 18th May 1883	393 8 0		
Executive charges at 10 per cent. from 1st May to 31st March	2,098 13 4	3,541 8 11	
Total	.....	16,793 0 0	
By amount of jute license fee and fee for the year 1883-84	.....	.....	16,793 0 0
Total	.....	.....	16,793 0 0

Extract from the Register of fires and operations of the Calcutta Fire Brigade.

Date.	Locality of fire, with section letter.	Time of outbreak.	Time of alarm at fire station.	Time of arrival of brigade.	Particulars as to numbers and description of buildings or other property destroyed, with approximate value, and whether insured or not.	Cause of fire.	Remarks.
1883.							
26th April	E., Suburbs, Naraul-danga.	2 P.M.	2-30 P.M.	3-40 P.M.	Two thatched huts valued at Rs. 20. Not insured.	Sparks from choola ignited the mat wall.	All out at 3-30 P.M.
5th ..	N., Suburbs, Ekbalpore	3 ..	3-5 ..	3-25 ..	About 150 thatched and tiled huts valued at Rs. 6,000.	A girl named Jussabun was cooking near the mat wall of the house, when caught fire, and owing to the high wind the fire spread rapidly. A small child was burnt to death before it could be rescued.	On receipt of notice of fire the brigade proceeded to Ekbalpore, and on arrival found a large native village on fire. The engine was placed alongside a well surrounded by burning huts, and without delay water was thrown on the burning houses. After half an hour's work the fire was almost extinguished. The engine worked exceedingly well, reflecting great credit on constable Clave, who had her in thorough working order. The sergeants and constables of the fire brigade worked well.
10th ..	M., Suburbs, Waingunge.	2-30 ..	3-30 ..	3-45 ..	One thatched hut valued at Rs. 4.	A lighted chillam left near the mat wall by Goumardhaur.	All out at 3-35 P.M.
23rd ..	E., Suburbs, Chingri-hata.	3-15 A.M.	3-30 A.M.	3-50 A.M.	Seven thatched huts valued at Rs. 20.	A lighted cherag left near the wall where cotton clothes were hanging.	Ditto at 6 A.M.
19th June	F., Suburbs, Tangra ..	9 P.M.	9 P.M.	10-5 ..	One two-storied brick building valued Rs. 1,000. Not insured.	Some bark while being dried on the steam boiler caught fire.	Palmer's bridge telegraphed at 9 P.M.—"Fire at Dhapa." On asking for further information I found that Palmer's bridge had disconnected, and in communication with Superintendent Hill, Ekbalpore, proceeded to Dhapa with fire brigade, but could get no information of a fire, returned to Palmer's bridge. Mr. avis informed Inspector Spaulding that the fire was at Dhapa, but from the direction he pointed out the fire appeared to be at Tangra. Proceeded to Tangra, found the tannery of Messrs. Fieldman & Co. on fire. The steam engine "Ganges" was at once set to work throwing water into the burning building, and the fire was extinguished in about an hour. The hand engine No. 4 was at work at the fire an hour before the arrival of the fire brigade from Lall Bazar. All out at 11-30 P.M.
21st November	I., Suburbs, Bhowanipore.	9 A.M.	9 A.M.	9-15 A.M.	Fifteen thatched huts valued at Rs. 600. Not insured.	Chattai Daradin after cooking her food went out leaving an earthen pot full of fire near a bundle of straw. The straw is supposed to have ignited and spread to the wall of the hut.	The fire was not seen from Lall Bazar police look-out. During the cold season the mist is so thick that fire cannot be seen at any distance till after 10 or 11 A.M.
10th December	E. Suburbs, Kamardanga.	6-45 P.M.	9 P.M.	9-50 P.M.	One tiled hut valued at Rs. 500. Not insured.	Unknown.	
10th ..	J., Suburbs, Kalighat	5-30 A.M.	6 A.M.	6-15 A.M.	Two huts valued at Rs. 60. Not insured.	Several females were sleeping near the fire, and their bed clothing caught fire, and ignited the wall of the building.	
18th ..	Section F., Suburbs, Malparah.	11 P.M.	11-30 P.M.	11-45 P.M.	Thirteen thatched houses valued at Rs. 500. Not insured.	Fire originated in the house of Dooknee Bewah. Fire from a chillam is supposed to have ignited the mat wall of the house.	All out at 3 A.M.
21st ..	Section G., Suburbs, Bahadurpur, Doog-deoparah.	3 A.M.	3-30 A.M.	3 A.M.	Three thatched houses valued at Rs. 150. Not insured.	Supposed to have been caused by sparks from the choola igniting the mat walls of the cook-room.	Ditto at 4-30 A.M.
17th January	Section M., Suburbs, Waingunge, Gurbarree lane.	11-30 P.M.	11-30 P.M.	11-45 P.M.	One tiled hut and a cow, valued at Rs. 100.	A small gumrah filled with fire left in the cow-house is supposed to have ignited a pile of straw.	Ditto at 3 A.M.
26th ..	Section J., Suburbs, Bhowanipore.	9-30 ..	9-40 ..	9-45 ..	One tiled dwelling-house and a cow-house with two cows, valued at Rs. 60. Not insured.	Blaze from a cooking choola ignited the mat wall of the hut.	Ditto at 12 midnight.
28th ..	Section J., Suburbs, Bhowanipore.	7-30 ..	7-30 ..	8 ..	Fifteen huts and three stacks of straw valued at Rs. 2,000. Not insured.	While Parbotty Bewah was cooking in a tiled hut, sparks from the choola are supposed to have set fire to some dry wood near it, which communicated to the mat walls of the hut.	Ditto at 6 A.M. of the 1st Feb. The steam engine was used at 11 P.M., and Nos. 3 and 6 hand engines at 6 A.M. of 2nd.
31st ..	Section M., Suburbs, Waingunge.	7 ..	7 ..	7-10 ..	Two tiled huts and ten straw golas valued at Rs. 250. Not insured.	Sparks from chillam ignited a pile of straw.	Ditto at 7 A.M. of the 1st February 1884.
19th & 20th Feb.	3rd Division, River Police.	5 A.M.	6-30 A.M.	7-15 A.M.	Ship Aurora laden with 27,023 cases of kerosine oil. Eight dingies, 25 pieces of plank belonging to the ship Aurora, valued about Rs. 1,015. One police boat, besides five stacks of straw, valued at Rs. 3,500, and three huts valued at Rs. 100 on shore.	Smoke was first seen coming out of the ship Aurora on the night of the 19th February last at 5 A.M., but it is not known for certain how the fire originated. The least improbable of several improbable hypotheses regarding the causation of the fire is that some oil or tow lying about beneath the poop was ignited by the light of a match carelessly thrown by the watch of the ship at about a quarter to 5 A.M.	Ditto at 9 P.M. of the 20th February.
1st March	Section N., Suburbs, Ekbalpore.	11-30 ..	12 noon.	12-30 P.M.	Seventeen tiled huts valued at Rs. 1,000. Not insured.	A lighted chillam placed against the mat wall of the house by Feloo lit.	Ditto at 2 P.M.
2nd ..	Section E., Suburbs, Bharekhan.	9-30 P.M.	10 P.M.	10-30 P.M.	Ten thatched huts valued at Rs. 300. Not insured.	Unknown	Ditto at 11-30 P.M.
30th ..	Section I., Suburbs, Bhowanipore.	12-45 A.M.		1-15 A.M.	Two stacks of straw valued at Rs. 100.	Ditto	Ditto at 6 A.M.

R. C. STERNDALE,
Vice-Chairman.

**REPORT ON THE WORKING OF THE LICENSED WAREHOUSE AND
FIRE-BRIGADE ACT IN THE HOWRAH MUNICIPALITY DURING
THE YEAR 1883-84.**

The following report is published for general information.

COLMAN MACAULAY,
Secretary to the Govt. of Bengal.

1. There were 23 jute warehouses licensed during the year for the storage of jute cotton and other fibres.* This shows a decrease of nine from the preceding year which is owing to some petty cotton dealers and makers of jute-lashings having suspended their trades on account of high prices.
2. A classified list of the warehouses which were licensed during the year is given in appendix I.
3. There were no new warehouses established during the year.
4. The total receipts amounted to Rs. 5,312-5-9 as follows:—

	Rs.	A.	P.
License fees	5,250	0	0
Fines	55	0	0†
Proceeds from sale of old Fire-brigade harness ..	7	5	9
Total ..	5,312	5	9

5. The above figures show a falling off of Rs. 72-10-3, but practically there was an increase of income, the fees of two jute warehouses which were brought into use towards the close of the year having been paid in 1884-85.
6. The expenditure in the inspection of jute warehouses amounted to Rs. 602 as follows:—

	Rs.	A.	P.
Salary of Inspector	600	0	0
Contingencies	2	0	0
Total ..	602	0	0

7. There was only one prosecution for establishing a warehouse without a license; the particulars are given in appendix II.
8. The Fire-brigade establishment remained the same as during the preceding year and was under the control of the local Police.

Fire-brigade.

9. There were only 10 fires reported during the year entirely confined to thatched huts, and not productive of considerable damage. There were no fires among jute warehouses. A statement showing the particulars of the fires at which the Brigade attended is given in appendix III.
10. The following is an abstract of the expenditure in the Fire-brigade Department during the year:—

	Rs.	A.	P.
1 Superintendent	292	11	9
Personal allowance	420	0	0
2 Tindals at Rs. 9	216	0	0
2 Do. do. 8	192	0	0
18 Khalasees at Rs. 6	1,296	0	0
2 Syces at Rs. 6	139	18	10
Feed and keep of horses	345	15	0
Rewards	0	0	0
Repairs to engines	85	12	0
Contingencies	42	8	0
Total ..	2,980	7	7

11. The new Act IV of 1883 came into force on the 30th of May in that year, and in accordance with the provisions of section 19 negotiations were opened in July for placing the Fire-brigade under the control of the Commissioner of Police for the Town of Calcutta. The arrangements had, however, not been concluded at the close of the year under report, pending a reply to a reference made to Government as to whether the Commissioners should receive compensation for plant which had been purchased from their general funds.

The 20th June 1884.

* Hemp and flax.

F. H. SKRINE,
Chairman.

† Rs. 5 appertain to fines of the preceding year.

APPENDIX I.

Jute Warehouses for which Licenses were granted during the year 1883-84.

Register No.	NAME OF OWNERS, &C.	Locality.	Description of premises.	Annual valuation.	Amount of fee realized.	Date of payment.
				Rs.	Rs.	
1	Owners ... Messrs. Moran & Co. ...	44, Howrah Road ...	1 Warehouse ...	1,000	400*	19th April 1883.
2	Occupiers ... Ditto.					
3	Licenseses ... Ditto.					
4	Owners ... Messrs. Harton & Co. ...	103, Old Ghoseery Road.	1 Presshouse and 5 warehouses.	11,000	1,300	25th "
5	Occupiers ... Ditto.					
6	Owner ... Bismah Doyal Sing ...	51-1, Howrah Road ...	1 Godown ...	150	50	11th May "
7	Occupier ... Mohun Lall.					
8	Licenseses ... Ditto.					
9	Owner ... Pittambar Shadkhan ...	50, Ditto ...	1 Ditto ...	250	50	12th "
10	Occupier ... Brindaban Chowdhury.					
11	Licenseses ... Messrs. Harton & Co. ...	130, Old Ghoseery Road.	Portion of a warehouse	400	50	4th July "
12	Occupiers ... Ditto.					
13	Owners ... Messrs. Halli Brothers ...	5, Kokooparrah Lane...	1 Warehouse ...	150	50	5th "
14	Occupiers ... Ditto.					
15	Licenseses ... Ditto.					
16	Owner ... Joyramain Shaw ...	26, Horogunge Road...	1 Ditto ...	120	50	5th "
17	Occupiers ... Bhojraj and Samunrain.					
18	Licenseses ... Ditto.					
19	Owners ... Ghoseery Jute Mills Co., Ltd.	Joyah Bibee's Lane ...	2 Warehouses ...	1,275	200	6th "
20	Occupiers ... Ditto.					
21	Licenseses ... Ditto.					
22	Owners ... Howrah Mills Co., Ltd.	435, Grand Trunk Road.	3 Warehouses, 1 Batching-house.	4,152	200	6th "
23	Occupiers ... Ditto.					
24	Licenseses ... Ditto.					
25	Owners ... Koonjati and Nunuck Ram ...	52, Howrah Road ...	1 Warehouse ...	150	50	9th "
26	Occupier ... Brojgansh Surabjee					
27	Licenseses ... Ditto.					
28	Owner ... Bhugwan Chunder Banerjee...	44, Ditto ...	1 Screw-house and 3 warehouses.	904	100	9th "
29	Occupier ... Ditto.					
30	Licenseses ... Ditto.					
31	Owners ... Howrah Mills Co., Ltd.	227, Grand Trunk Road.	1 Screw-house and all the warehouses.	4,166	600	10th "
32	Occupiers ... Ditto.					
33	Licenseses ... Ditto.					
34	Owners ... Sheehpore Jute Manufacturing Co., Ltd.	7-1, Kawraparrah Ghaut Road.	1 Warehouse ...	3,000	300	11th "
35	Occupiers ... Messrs. Apear & Co., Ltd.					
36	Licenseses ... Ditto.					
37	Owner ... Tara Chand Kollay ...	2, Rosa Bagan Lane ...	1 Ditto ...	120	50	11th "
38	Occupier ... Ditto.					
39	Licenseses ... Ditto.					
40	Owners ... Messrs. Anderson, Wright & Co.	7, Ooryahparrah Lane	5 Warehouses and a Press-house.	5,200	600	13th "
41	Occupiers ... Agents, West's Patent Press Co., Ltd.					
42	Licenseses ... Ditto.					
43	Owners ... Gunneah Dams and Joyramain...	104, Old Ghoseery Road.	1 Warehouse ...	300	50	14th "
44	Occupiers ... Ditto.					
45	Licenseses ... Ditto.					
46	Owner ... Brominoye Dabee ...	182, Horogunge Road	2 Warehouses ...	670	50	18th "
47	Occupier ... Ditto.					
48	Licenseses ... Ditto.					
49	Owners ... East Indian Railway Co. ...	24, Howrah Ghaut Road.	Portion of goods shed	3,500	200	19th "
50	Occupiers ... Ditto.					
51	Licenseses ... Ditto.					
52	Owners ... Gangoo Manufacturing Co., Ltd.	447, Grand Trunk Road.	1 Batching-house and a warehouse.	2,977	300	20th "
53	Occupiers ... Ditto.					
54	Licenseses ... Ditto.					
55	Owners ... Messrs. Apear and Co. ...	31, Sheehpore Ghaut Road.	3 Warehouses ...	1,500	200	31st August "
56	Occupiers ... Ditto.					
57	Licenseses ... Ditto.					
58	Owners ... Messrs. Harton and Co. ...	74-5 and 126, Old Ghoseery Road.	2 Ditto ...	1,700	200	5th October "
59	Occupiers ... Messrs. Harton and Co. ...					
60	Licenseses ... Ditto.					
61	Owner ... Modosodon Keondoo ...	91-1, Baboodangah Lane.	1 Warehouse ...	150	50	20th "
62	Occupier ... Ditto.					
63	Licenseses ... Ditto.					
64	Owner ... Chunder Coomar Chatterjee ...	1-16, Ditto ...	1 Ditto ...	60	50	22nd January 1884.
65	Occupier ... Krittybass Samonto.					
66	Licenseses ... Ditto.					
Total ...				...	5,250	

* Two years' license fees.

APPENDIX II.

Prosecutions under Act IV of 1883 (B.C.) during the year 1883-84.

Section of Act violated.	NATURE OF OFFENCE.	NUMBER OF PROSECUTIONS DURING THE YEAR.			NUMBER OF PERSONS CONVICTED.		Number of persons acquitted.	Total.	Number of cases pending at the close of the year.	Amount fine.	Average fine per case.	Maximum fine provided in Act.
		Number of cases pending from previous year.	Number of cases reported during the year.	Total.	Number of persons fined.	Number of persons warned.						
Section 12 ...	Establishing warehouse without license ...	1	1	2	1	.....	.....	1	1	Rs. A. P. 50 0 0	Rs. A. P. 50 0 0	Rs. 500

APPENDIX III.

Particulars of Fires during the year 1883-84.

Month and date.	Hour of occurrence.	Locality.	Origin of fire.	Description of property destroyed.	Estimated loss.	Number of engines employed.
1883.					Rs. A. P.	
7th May	1-30 A.M.	Borro Bagan	Accidental	8 Goleputtah huts	300 0 0	3
20th June	12-30	Woomachurn Lane.	Ditto	1 Goleputtah hut	15 0 0	3
30th October	8	Barroeparrah	Ditto	2 Straw huts	25 0 0	3
17th November	11-30 P.M.	Woomachurn Lane.	Ditto	1 Goleputtah hut	3 0 0	
1st December	11	Ticciparrah	Ditto	3 Straw huts	200 0 0	
1884.						
3rd January	11	Kussondia	Ditto	5 Tile huts	100 0 0	4
8th do.	7-30	South Hanttrah	Ditto	1 Straw hut	5 0 0	3
8th February	2-30 A.M.	Kantapookur	Ditto	1 Tile hut	50 0 0	4
16th do.	9	Ticciparrah	Ditto	5 Goleputtah huts	60 0 0	
22nd do.	2 P.M.	Gholadanga	Ditto	2 Tile huts	10 0 0	

DISTRICT ROAD FUND.

PUBLIC WORKS DEPARTMENT—ROAD CESS.

Calcutta, the 1st August 1884.

No. 2672 R.C.

READ—

Letter from the Accountant-General, Bengal, No. 257 L.F., dated the 26th July 1884, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending the 31st March 1884.

RESOLUTION.

THE Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the second quarter of the cess year 1883-84 be published in the *Calcutta Gazette* and be circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded to all Commissioners of Divisions; to all Superintending Engineers of Public Works Circles in Bengal; and to the Financial Department of this Government, for information.

By  of the Lieutenant-Governor of Bengal,

G. F. E. S. NEILL, Major, M.S.C.,

Under-Secy. to the Govt. of Bengal,

P. W. Dept.

DISTRICT

Statement of Receipts and Expenditure of the several District
ending 31st

RECE									
DISTRICTS.	Balance in treasury on 1st January 1884.	PROVINCIAL RATES.					Interest on arrears of road cess.	PUBLIC	
		Cess on lands.	Cess on mines and railways.	Cess on houses.	One per cent. road cess.	Total.		Road tolls.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Burdwan	3,290 4 6	50,285 10 8	788 10 9			51,042 5 5	1,682 6 4		
Bankura	4,483 19 2	12,348 10 3	21 15 0			12,407 1 0	87 14 10		
Beerbhoom	5,828 1 3	23,389 3 5				23,542 10 3	847 2 2		
Midnapore	2,533 8 4	55,529 14 8				55,690 8 3	1,057 9 7		
5 Hooghly and Howrah	70,097 0 2	41,512 7 5				41,608 15 10	740 5 8		
24 Pargunnahs	5,208 10 2	48,083 8 1				48,083 8 1	394 8 10		
Nuddea	6,051 2 0	28,078 13 10				28,078 13 10	390 4 3		
Jessore	6,080 0 4	28,977 13 9				27 6 7	27,005 4 4	327 0 6	
Khoolna	40,349 6 4	22,797 4 8				306 8 6	24,078 13 2	155 8 8	
10 Moorsheadabad	6,900 13 10	29,390 2 4				112 1 5	29,512 3 9		
Dinapore	12,764 8 3	23,790 2 11				90 9 6	22,335 12 5	135 2 3	
Rajshahye	6,504 15 10	32,184 8 5					32,184 8 5	90 7 4	
Rungpore	30,319 7 2	40,323 4 2				0 0 0	40,323 15 2	604 3 1	
Biogra	8,865 0 3	15,627 4 0					15,627 4 0	25 8 0	
15 Patna	21,686 15 8	22,403 4 5				14 1 6	22,417 6 5	101 13 1	
Barjooling	7,307 3 8	9,349 7 5	3,650 12 2				13,000 5 5	35 12 3	
Jalpirore	6,829 14 3	10,830 4 4					10,830 4 4	4 13 11	
Dacca	51,973 15 6	26,074 2 4				719 2 8	27,293 5 0	780 13 10	
Furroedpore	20,211 11 10	22,221 4 0				7 2 3	22,228 9 3	267 4 0	
Backergunge	30,075 2 2	35,906 8 7				984 3 7	36,960 12 2	547 0 0	
Tipperah	11,229 2 4	28,044 6 9					38,044 6 9	317 14 5	
Myensingh	40,944 8 5	67,070 2 8				104 6 9	67,774 9 8	600 4 11	
Chittagong	44,526 10 9	20,512 15 1					20,512 15 1	229 6 9	
Nonkholly	51,760 13 3	20,589 1 7				304 14 8	39,964 0 3	27 4 10	
25 Patna	14,622 12 11	74,072 13 5				421 13 3	74,494 9 8	393 5 6	
Gya	50,445 15 0	83,546 0 8	28 8 6			402 8 6	83,977 1 8	224 5 4	
Shahabad	27,792 0 2	57,180 12 5	10 6 3				57,191 3 8	306 1 10	
Mosufferpore	64,592 9 9	87,239 9 5				19 9 0	87,348 2 5	258 11 1	
Durbhunga	4,905 5 1	1,06,538 8 1				40 2 7	1,06,378 7 8	778 8 1	
80 Sarun	70,901 0 5	31,783 7 4				14 5 0	31,799 12 4	643 11 0	
Chumpran	6,407 7 3	22,302 7 9	738 11 9			30 7 9	32,131 11 3	65 1 9	
Monghyr	7,114 14 8	63,006 9 11				1,102 14 9	65,099 8 8	1,283 3 3	
Bhagalpur	20,790 6 7	69,799 6 6				141 1 6	69,940 8 0	138 1 7	
Purneah	6,005 2 6	27,393 9 3				26 1 10	27,419 11 1	156 1 0	
35 Maldah	17,520 12 7	11,638 11 9					11,638 11 9	40 4 9	
Outack	30,897 7 0	2,229 2 6					2,229 2 6	239 11 4	
Poorce	17,132 3 4	1,289 14 1					1,289 14 1	54 6 8	
Belasore	22,915 11 2	2,229 2 0					2,229 2 0	145 7 5	
Hasaribagh	2,290 12 0	12,543 9 9	203 13 3				12,746 7 0	82 6 9	
40 Lohardugga	29,214 13 2	33,504 12 8	0 3 0				33,504 12 8	7 7 0	
Manbhoom	3,181 1 4	8,016 7 8	4 11 11				8,021 3 7	145 3 0	
Total	9,15,535 1 5	13,92,393 15 1	5,451 12 7			5,584 2 9	14,08,430 14 5	14,336 6 1	
Non-Chess Districts.									
Chittagong Hill Tracts	7,763 8 10								
44 Sonthal Pargunnahs	52,763 7 10					177 5 9	177 5 9		
Singhbhum	6,950 7 8								
Total	66,616 8 4					177 5 9	177 5 9		
GRAND TOTAL	9,82,150 9 9	13,92,393 15 1	5,451 12 7			5,761 8 6	14,08,607 4 2	14,336 6 1	

FORT WILLIAM,

The 21st July 1884.

I P T S.

WORKS.		IRRIGATION.		MISCELLANEOUS.			DISTRICTS.	
Ferry tolls.	Total.	Canal tolls.	Rent of serais and staging bungalows.	Fees, fines, and forfeitures.	Miscellaneous.	Total.		
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
20 0 0			440 0 0	1,150 13 6	1,610 13 6	Burdwan	1	
1 0 0			175 8 6	369 0 0	645 8 6	Bankura	1	
24 8 0			154 0 0	12 13 0	191 5 0	Beerbhoom	1	
			240 3 9	801 0 0	1,101 3 9	Midnapore	1	
1,698 0 0			1,082 5 0	303 10 0	1,385 15 0	Hoochly and Howrah	5	
			986 7 10	2,800 8 10	3,786 5 8	24-Pergunnahs	1	
118 8 0			165 4 0	2,755 7 3	3,630 3 3	Nudda	1	
			11 0 0	600 0 0	611 0 0	Sessore	1	
				194 6 6	194 6 6	Khoolna	1	
			305 10 8	670 1 11	991 12 7	Meershedabad	10	
18 4 0			287 10 3	5 0 0	308 14 3	Dinapore	1	
23 0 0			—340 7 1	608 12 0	—24 11 1	Rajshahye	1	
9 8 0			367 7 1	1,488 5 0	1,865 8 1	Kungpore	1	
40 0 0				10,302 0 0	10,342 0 0	Bogra	1	
			960 11 0	1,015 13 3	1,975 2 3	Pubna	15	
			100 8 0	13 13 6	114 4 6	Darjeeling	1	
			340 14 0	1,325 0 0	1,684 0 0	Jaipurpore	1	
			1,808 15 0	680 6 6	2,488 5 6	Dacca	1	
			1,410 10 9	1,717 9 1	3,128 3 10	Purreedpore	1	
			2,980 13 0	2,011 10 0	4,991 6 0	Backergunge	20	
			184 11 8	1,121 0 3	1,305 11 11	Tippurrah	1	
			1,708 7 8	1,002 13 0	2,711 4 3	Mymensingh	1	
			22 12 0	3,324 3 0	3,355 15 0	Chittagong	1	
8,003 4 0			3 4 0	763 3 0	766 7 0	Noakooly	1	
			321 0 0	5,104 0 0	5,426 10 3	Patna	25	
			7 0 0	1,404 2 3	1,404 2 3	Gya	1	
			100 8 0	10 12 3	120 8 3	Shahabad	1	
			214 0 0	734 10 0	972 10 0	Mozufferpore	1	
			219 0 0	21 0 0	1,032 5 6	Durrhungra	1	
			277 11 9	1,308 4 4	1,619 8 1	Saran	20	
				322 2 0	331 13 0	Champaran	1	
			2,055 1 0	16,517 13 0	16,172 14 0	Monghyr	1	
			430 9 6	10,919 12 6	11,350 6 0	Bhagalpur	1	
218 0 0	218 0 0		186 12 0	10,974 7 9	11,161 3 9	Purneah	35	
			63 8 1	868 7 0	931 5 1	Maldah	1	
			1,180 1 7	360 4 4	1,540 5 1	Cuttack	1	
			253 4 0	355 0 0	613 8 4	Pooree	1	
			18 8 0	264 9 0	1,005 5 4	Belasore	1	
			57 0 0	472 4 6	461 1 0	Kezariabagh	1	
			6 0 0	318 3 0	696 12 6	Lohardugga	40	
			1,245 12 9	64 9 6	1,245 5 3	Manbhoom	1	
218 0 0	218 0 0	4,701 4 0	3,142 10 7	22,187 8 7	82,535 2 3	1,07,865 5 5	Total.	
			100 0 0		27 1 3	133 1 3	Chittagong Hill Tracts	46
							Sentul Pergunnahs	
							Singbhoom	
			100 0 0		27 1 3	133 1 3	Total.	
218 0 0	218 0 0	4,701 0 0	3,242 10 7	22,197 7	82,562 3 6	1,07,908 6 5	GRAND TOTAL.	